

## ForeFlight Briefing History

Route Outlook Briefing at May 15, 0717Z for N220N TJBQ to KTIX

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### \*\*\*\*\* TJBQ (Departure) Closest Terminal Weather \*\*\*\*\*

METAR TJBQ 150650Z Aguadilla/Rafael Hernandez, Aguadilla, PR (TJBQ). May 15, 0650Z. Wind from 150°; at 3 knots, 10 statute miles visibility, Ceiling is Broken at 9,000 feet, Temperature 24°C, Dewpoint 23°C, Altimeter is 30.00.

METAR TJBQ 150550Z Aguadilla/Rafael Hernandez, Aguadilla, PR (TJBQ). May 15, 0550Z. Wind is Calm, 10 statute miles visibility, Scattered Clouds at 9,000 feet, Temperature 24°C, Dewpoint 23°C, Altimeter is 30.01.

METAR TJBQ 150450Z Aguadilla/Rafael Hernandez, Aguadilla, PR (TJBQ). May 15, 0450Z. Wind is Calm, 10 statute miles visibility, Scattered Clouds at 9,000 feet, Temperature 24°C, Dewpoint 23°C, Altimeter is 30.03.

Aguadilla/Rafael Hernandez, Aguadilla, PR (TJBQ). Issued May 15, 0520Z, valid from May 15, 0600Z until May 16, 0600Z, Wind from 130°; at 3 knots, greater than 6 statute miles visibility, Few clouds at 2,500 feet, Ceiling is Broken at 6,000 feet, Broken Clouds at 10,000 feet

From May 15, 1400Z, Wind from 070°; at 10 knots, greater than 6 statute miles visibility, Few clouds at 3,000 feet, Few clouds at 7,000 feet, Scattered Clouds at 12,000 feet

From May 15, 1730Z, Wind from 050°; at 12 knots, greater than 6 statute miles visibility, Thunderstorms in the Vicinity, Scattered Clouds at 2,500 feet Cumulonimbus, Ceiling is Broken at 5,000 feet

From May 15, 2300Z, Wind from 090°; at 5 knots, greater than 6 statute miles visibility, Few clouds at 2,500 feet, Scattered Clouds at 5,000 feet, Scattered Clouds at 10,000 feet.

### \*\*\*\*\* TJBQ (Departure) NOTAMs \*\*\*\*\*

All published NOTAMs are available in the Notices to Airmen Publication ([http://www.faa.gov/air\\_traffic/publications/notices/](http://www.faa.gov/air_traffic/publications/notices/)).

#### ==== Apron NOTAMs ====

!TJBQ 07/036 Aguadilla/Rafael Hernandez, Aguadilla, PR (TJBQ) Apron north apron 100 feet by 100 feet south hangar 571 closed Jul 30, 2016 1831Z to Jul 30, 2017 1831Z

#### ==== Taxiway NOTAMs ====

!TJBQ 11/026 Aguadilla/Rafael Hernandez, Aguadilla, PR (TJBQ) Taxiway A 1,100 feet west of taxiway C closed Nov 10, 2016 1452Z to Nov 10, 2017 1500Z

!TJBQ 07/035 Aguadilla/Rafael Hernandez, Aguadilla, PR (TJBQ) Taxiway A between taxiway C and taxiway D closed Jul 30, 2016 1824Z to Jul 30, 2017 1823Z

## ForeFlight Briefing History

### ==== Navigation NOTAMs ====

!TJBQ 04/056 Aguadilla/Rafael Hernandez, Aguadilla, PR (BQN) Navigation TACAN azimuth out of service Apr 27, 2017 1032Z to Oct 31, 2017 2000Z Estimated

### ==== Service NOTAMs ====

!TJBQ 05/033 Aguadilla/Rafael Hernandez, Aguadilla, PR (TJBQ) Service tower OPN class D service available May 15, 2017 0454Z to May 15, 2017 0800Z

### ==== Obstruction NOTAMs ====

!TJBQ 05/024 Aguadilla/Rafael Hernandez, Aguadilla, PR (TJBQ) Obstruction tower light (Antenna Structure Registration 1204269) 18° 28' 25.00" North 067° 08' 10.50" West (1.4 Nautical miles south-south-west BQN) 426.8 Feet (128.0 Feet above ground level) out of service May 08, 2017 1354Z to May 23, 2017 1354Z

!TJBQ 04/065 Aguadilla/Rafael Hernandez, Aguadilla, PR (TJBQ) Obstruction tower light (Antenna Structure Registration 1010661) 18° 25' 50.40" North 067° 07' 49.90" West (3.8 Nautical miles S BQN) 946.9 Feet (222.1 Feet above ground level) out of service Apr 30, 2017 1543Z to May 30, 2017 2359Z

\*\*\*\*\* KTIK (Destination) Closest Terminal Weather \*\*\*\*\*  
METAR for KTIK is not available

Space Coast Regional, Titusville, FL (KTIK). Issued May 15, 0538Z, valid from May 15, 0600Z until May 16, 0600Z, Wind from 030° at 3 knots, greater than 6 statute miles visibility, Few clouds at 1,200 feet

From May 15, 1400Z, Wind from 060° at 9 knots, greater than 6 statute miles visibility, Scattered Clouds at 3,000 feet

From May 15, 1700Z, Wind from 060° at 12 knots with gusts to 18 knots, greater than 6 statute miles visibility, Scattered Clouds at 3,500 feet

From May 16, 0000Z, Wind from 070° at 11 knots, greater than 6 statute miles visibility, Sky Clear

From May 16, 0200Z, Wind from 070° at 5 knots, greater than 6 statute miles visibility, Sky Clear.

\*\*\*\*\* KTIK (Destination) NOTAMs \*\*\*\*\*

All published NOTAMs are available in the Notices to Airmen Publication ([http://www.faa.gov/air\\_traffic/publications/notices/](http://www.faa.gov/air_traffic/publications/notices/)).

### ==== Taxiway NOTAMs ====

!TIK 04/032 Space Coast Regional, Titusville, FL (KTIK) Taxiway A north of taxiway C edge

## ForeFlight Briefing History

light out of service Apr 28, 2017 1738Z to Oct 30, 2017 2100Z

!TIX 04/028 Space Coast Regional, Titusville, FL (KTIX) Taxiway B holding position sign for runway 18/36 W side not lighted Apr 28, 2017 1736Z to Oct 30, 2017 2100Z

!TIX 04/027 Space Coast Regional, Titusville, FL (KTIX) Taxiway E holding position sign for runway 18/36 W side not lighted Apr 28, 2017 1735Z to Oct 30, 2017 2100Z

!TIX 04/026 Space Coast Regional, Titusville, FL (KTIX) Taxiway A1 holding position sign for runway 18/36 not lighted Apr 28, 2017 1735Z to Oct 30, 2017 2100Z

!TIX 04/025 Space Coast Regional, Titusville, FL (KTIX) Taxiway A2 holding position sign for runway 18/36 not lighted Apr 28, 2017 1735Z to Oct 30, 2017 2100Z

!TIX 04/024 Space Coast Regional, Titusville, FL (KTIX) Taxiway B holding position sign for runway 18/36 E side not lighted Apr 28, 2017 1734Z to Oct 30, 2017 2100Z

!TIX 04/022 Space Coast Regional, Titusville, FL (KTIX) Taxiway E holding position sign for runway 18/36 E side not lighted Apr 28, 2017 1733Z to Oct 30, 2017 2100Z

==== Runway NOTAMs ====

!TIX 04/030 Space Coast Regional, Titusville, FL (KTIX) Runway 09/27 holding position sign for runway 18/36 W side not lighted Apr 28, 2017 1737Z to Oct 30, 2017 2100Z

!TIX 04/029 Space Coast Regional, Titusville, FL (KTIX) Runway 09/27 holding position sign for runway 18/36 E side not lighted Apr 28, 2017 1736Z to Oct 30, 2017 2100Z

!TIX 04/023 Space Coast Regional, Titusville, FL (KTIX) Runway 18/36 N 5,000 feet REDL out of service Apr 28, 2017 1733Z to Oct 30, 2017 2100Z

!TIX 04/021 Space Coast Regional, Titusville, FL (KTIX) Runway 09 runway end ID light N side out of service Apr 28, 2017 1732Z to Oct 30, 2017 2100Z

==== Aerodrome NOTAMs ====

!TIX 04/031 Space Coast Regional, Titusville, FL (KTIX) Aerodrome airport windcone for runway 18 light out of service Apr 28, 2017 1737Z to Oct 30, 2017 2100Z

==== Navigation NOTAMs ====

!TIX 05/012 Space Coast Regional, Titusville, FL (KTIX) Navigation ILS runway 36 glide path/localizer out of service May 17, 2017 1230Z to May 17, 2017 1630Z

!TIX 05/011 Space Coast Regional, Titusville, FL (KTIX) Navigation ILS runway 36 localizer/glide path out of service May 16, 2017 1330Z to May 16, 2017 1500Z

## ForeFlight Briefing History

===== Airspace NOTAMs =====

!TIX 05/010 Space Coast Regional, Titusville, FL (KTIX) Airspace see Flight Data Center (FDC) 7/4621 Miami Center (ZMA) 91.143 Space operations May 15, 2017 2245Z to May 16, 2017 0049Z

!TIX 05/009 Space Coast Regional, Titusville, FL (KTIX) Airspace see Flight Data Center (FDC) 7/4615 Jacksonville Center (ZJX) 91.143 Space operations May 15, 2017 2245Z to May 16, 2017 0049Z

\*\*\*\*\* TFR \*\*\*\*\*

The published TFRs and special notices around sporting events, power plants, dams, refineries, military facilities, correctional and law enforcement facilities, as well as all other published NOTAMs, are available in the Notices to Airmen Publication ([http://www.faa.gov/air\\_traffic/publications/notices/](http://www.faa.gov/air_traffic/publications/notices/)).

FDC 7/4621 ZMA FL..AIRSPACE KENNEDY SPACE CENTER, FL..TEMPORARY FLIGHT RESTRICTIONS KENNEDY SPACE CENTER SPACE OPS AREA. PURSUANT TO SECTION 91.143 OF THE CODE OF FEDERAL REGULATIONS (CFR 91.143), FLIGHT OPS CONDUCTED BY FAA CERTIFICATED PILOTS OR CONDUCTED IN ACFT OF U.S. REGISTRY ARE PROHIBITED AT ANY ALT FM THE SFC-FL180, WI AN AREA DEFINED AS 285116N804219W TO 290730N803000W THENCE CLOCKWISE VIA A 30 NAUTICAL MILE ARC CENTERED AT 283703N803647W TO 281330N801600W TO 282501N803029W TO 282501N803759W TO 282501N804144W TO 283121N804349W TO 283801N804701W TO 284910N805044W TO 285116N804714W TO 285116N804219W. MIAMI /ZMA/ ARTCC, PHONE 305 716 1589, IS THE COORDINATING FAA FACILITY AND MAY BE CONTACTED FOR THE CURRENT STATUS OF ANY AIRSPACE ASSOCIATED WITH LAUNCH OPS. THIS AREA ENCOMPASSES R2932, R2933, R2934, AND PORTIONS OF W497A, W136F, W137F AND W137G. ADDITIONAL WARNING AND RESTRICTED AREAS WILL BE ACT IN CONJUNCTION WITH THE OPS. PILOTS SHALL CONSULT ALL NOTAMS REGARDING THIS OPERATION. 15 MAY 22:45 2017 UNTIL 16 MAY 00:49 2017. CREATED: 12 MAY 13:29 2017

FDC 7/4615 ZJX FL..AIRSPACE KENNEDY SPACE CENTER, FL..TEMPORARY FLIGHT RESTRICTIONS KENNEDY SPACE CENTER SPACE OPS AREA. PURSUANT TO SECTION 91.143 OF THE CODE OF FEDERAL REGULATIONS (CFR 91.143), FLIGHT OPS CONDUCTED BY FAA CERTIFICATED PILOTS OR CONDUCTED IN ACFT OF U.S. REGISTRY ARE PROHIBITED AT ANY ALT FM THE SFC-FL180, WI AN AREA DEFINED AS 285116N804219W TO 290730N803000W THENCE CLOCKWISE VIA A 30 NAUTICAL MILE ARC CENTERED AT 283703N803647W TO 281330N801600W TO 282501N803029W TO 282501N803759W TO 282501N804144W TO 283121N804349W TO 283801N804701W TO 284910N805044W TO 285116N804714W TO 285116N804219W. MIAMI /ZMA/ ARTCC, PHONE 305 716 1589, IS THE COORDINATING FAA FACILITY AND MAY BE CONTACTED FOR THE CURRENT STATUS OF ANY AIRSPACE

## ForeFlight Briefing History

ASSOCIATED WITH LAUNCH OPS. THIS AREA ENCOMPASSES R2932, R2933, R2934, AND PORTIONS OF W497A, W136F, W137F AND W137G. ADDITIONAL WARNING AND RESTRICTED AREAS WILL BE ACT IN CONJUNCTION WITH THE OPS. PILOTS SHALL CONSULT ALL NOTAMS REGARDING THIS OPERATION. 15 MAY 22:45 2017 UNTIL 16 MAY 00:49 2017. CREATED: 12 MAY 13:25 2017

\*\*\*\*\* Convective SIGMET \*\*\*\*\*

No current Convective SIGMET data for this briefing.

\*\*\*\*\* SIGMET \*\*\*\*\*

No current SIGMET data for this briefing.

\*\*\*\*\* AIRMET \*\*\*\*\*

No current AIRMET data for this briefing.

\*\*\*\*\* Center Weather Advisory \*\*\*\*\*

No current Center Weather Advisory data for this briefing.

\*\*\*\*\* Severe Weather \*\*\*\*\*

No current Severe Weather data for this briefing.

\*\*\*\*\* UAS Operating Areas \*\*\*\*\*

UAS Operating Area (UOA). This section of the briefing contains UAS Operating Areas filed on the Leidos Pilot Web Portal and UAS operations issued via NOTAM. All published NOTAMs are available in the Notices to Airmen Publication ([http://www.faa.gov/air\\_traffic/publications/notices/](http://www.faa.gov/air_traffic/publications/notices/)).

UAS Operating Area DEFINED AS 0.5NM RADIUS OF 282722N0804959W (3.9NM SSW TIX) SFC-250FT AGL FRI-SUN 1100-1730 1704071100-1712311730.

UAS Operating Area DEFINED AS 0.5NM RADIUS OF 283300N0805110.80W (3.5NM NW TIX) SFC-400FT AGL FRI-SUN 1000-1500 1704211000-1712311500.

UAS Operating Area DEFINED AS 0.2NM RADIUS OF 283507.90N0804814.10W (2.8NM SSE X21) SFC-250FT AGL SAT-SUN 1100-1500 1704081100-1712311500.

UAS Operating Area DEFINED AS 0.2NM RADIUS OF 283707.70N0804828W (1.5NM ESE X21) SFC-200FT AGL FRI-SUN 1100-1500 1704071100-1712311500.

NOTAM UAS Operating Area ORL\_05/018 DEFINED AS 2NM RADIUS OF ORL134017 SFC-1000FT AGL DLY 1100-2200 1705161100-1706092200.

UAS Operating Area DEFINED AS 0.5NM RADIUS OF 283222.50N0811500.10W (4.4NM E ORL) SFC-400FT AGL THU WED 1500-1700 1610271500-1709281700.

## ForeFlight Briefing History

NOTAM UAS Operating Area SAN\_05/061 DEFINED AS 323914N1142834W (BZA121009.8) TO 323500N1142834W (BZA134014) TO 323359N1143212W (BZA149012) TO 323648N1143100W (BZA140010) TO POINT OF ORIGIN SFC-2300FT AGL 1705161500-1705170001.

NOTAM UAS Operating Area FAI\_05/076 DEFINED AS 8.5NMR 6507333N1472833W(FAI014024)(POKER FLATS) SFC-3000FT AGL DLY 1700-0200 1705151700-1705202100.

NOTAM UAS Operating Area SAN\_05/064 DEFINED AS 323914N1142834W (BZA121009.8) TO 323500N1142834W (BZA134014) TO 323359N1143212W (BZA149012) TO 323648N1143100W (BZA140010) TO POINT OF ORIGIN SFC-2300FT AGL. 1705171500-1705180001.

NOTAM UAS Operating Area SAN\_05/055 DEFINED AS 323914N1142834W (BZA121009.8) TO 323500N1142834W (BZA134014) TO 323359N1143212W (BZA149012) TO 323648N1143100W (BZA140010) TO POINT OF ORIGIN SFC-2300FT AGL 1705151500-1705160001.

### \*\*\*\*\* Surface Observations \*\*\*\*\*

METAR TJBQ 150650Z Aguadilla/Rafael Hernandez, Aguadilla, PR (TJBQ). May 15, 0650Z. Wind from 150°; at 3 knots, 10 statute miles visibility, Ceiling is Broken at 9,000 feet, Temperature 24°C, Dewpoint 23°C, Altimeter is 30.00.

METAR for MBGT is not available

METAR for MYGF is not available

METAR KVRB 150653Z Vero Beach Municipal, Vero Beach, FL (KVRB). May 15, 0653Z. Wind is Calm, 9 statute miles visibility, Clear Skies, Temperature 20°C, Dewpoint 19°C, Altimeter is 29.91. Remarks: automated station with precipitation discriminator sea level pressure 1012.7 hectopascals hourly temp 20.0°C dewpoint 18.9°C

METAR KMLB 150653Z AUTO Melbourne International, Melbourne, FL (KMLB). May 15, 0653Z, Automated. Wind from 260°; at 3 knots, 10 statute miles visibility, Ceiling is Broken at 1,400 feet, Overcast at 2,200 feet, Temperature 22°C, Dewpoint 21°C, Altimeter is 29.91. Remarks: automated station with precipitation discriminator sea level pressure 1012.9 hectopascals hourly temp 22.2°C dewpoint 21.1°C

METAR for KCOF is not available

METAR for KXMR is not available

METAR for KTTS is not available

## ForeFlight Briefing History

METAR for KTIK is not available

### \*\*\*\*\* Pilot Reports \*\*\*\*\*

No current Pilot Reports data for this briefing.

### \*\*\*\*\* Synopsis \*\*\*\*\*

Caribbean area forecast issued by the Aviation Weather Center Kansas City, Missouri on the 15th at 0330Z

OFAMKC

International Operations Branch

Aviation Weather Center Kansas City Missouri

Valid from the 15th at 0400Z to the 15th at 1600Z

Outlook valid from the 15th at 1600Z to the 16th at 0400Z

Synopsis...Cold front 32° North 67° West-northwestern Bahamas-just S of Key West International, Key West, FL (EYW) BECMS stationary 23° North 83° West-northeastern Yucatan. Trough FM CAYMANS southwest to Nicaragua/Honduras border IS producing significant convection IN the western Caribbean. Tropical WV S of 15° North 73° West moving W 20 knots. High pressure Gulf of Mexico and central Atlantic. By 1600Z...Cold front weakens FM 32° North 64° West-26° North 79° West. Trough continues Florida Straits-eastern Yucatan. Trough CAYMANS-Honduras. Trough N of Hispaniola.

Miami CONUS area forecast issued by the Aviation Weather Center Kansas City, Missouri on the 15th at 0045Z

FA2W

Miami area forecast, prepared on the 15th at 0045Z

Synopsis and VFR clouds/weather

Synopsis valid until the 15th at 1900Z

Clouds/weather valid until the 15th at 1300Z...Outlook valid from the 15th at 1300Z to the 15th at 1900Z

North Carolina South Carolina Georgia Florida and coastal waters east of 85W

Synopsis...0100Z cold front FM low pressure near Coyle, Coyle, NJ (CYN)-northeastern Virginia-southwest WV then stationary to southwest Ohio. Trough southeast Virginia-western SC. Low pressure northeastern New York. Strong low pressure 140NE ACK. 1200Z cold front NC coastal waters-southeast NC-southwest Virginia-eastern Kentucky-southeast IN. HI pressure central MI-northeastern WV. Trough FM low pressure 150SE Bangor International, Bangor, ME (BGR)-50NE east-north-east-northern New Hampshire. 1900Z stationary front northwest NC-southwest Virginia-near Covington/Cincinnati, Covington, KY (CVG)-southwest within-northwest South Dakota. HI pressure LH-south central Pennsylvania. Low pressure near 120S Saint John (YSJ). Trough northwestward to northeastern Maine. Trough southwestward FM Maine coastal waters-southeast Massachusetts-John F.Kennedy International, New York, NY (JFK)-northern Delaware.

## ForeFlight Briefing History

### \*\*\*\*\* Area Forecast \*\*\*\*\*

Caribbean area forecast issued by the Aviation Weather Center Kansas City, Missouri on the 15th at 0330Z

OFAMKC

International Operations Branch

Aviation Weather Center Kansas City Missouri

Valid from the 15th at 0400Z to the 15th at 1600Z

Outlook valid from the 15th at 1600Z to the 16th at 0400Z

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Atlantic South Of 32° North West Of 57° West...Caribbean...Gulf Of Mexico Between 22N And 24N.

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All Winds Surface. Thunderstorms Imply Severe OR Greater Turbulence Severe Ice Low Level Wind Shear And IFR  
Conditions. Surface to 400 millibars.

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Significant Cloud/Weather...

Eastern Monterrey Flight Information Region...Northern Merida Flight Information Region  
West of 92° West...

North of 23° North...Sky clear to scattered clouds at 2,500 feet. 0800Z through 1000Z, becoming occasional broken clouds at 2,500 feet tops at 3,500 feet.

Outlook: marginal VFR ceiling...1800Z VFR.

South of 23° North...Broken clouds at 2,500 feet tops at 3,500 feet. Outlook: marginal VFR ceiling.

East of 92° West...

Northwest 1/2...Scattered clouds at 2,500 feet. Outlook: VFR.

Southeast 1/2...Scattered clouds at 2,000 feet broken clouds at 7,000 feet tops at 13,000 feet.  
Outlook: VFR.

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Atlantic Southwestern New York Flight Information Region...Atlantic Miami Flight Information Region...San Juan Flight Information Region

N of 27° North 60° West-20° North 73° West...Scattered clouds at 1,500 feet broken clouds at 6,000 feet tops above flight level 240. Occasional broken clouds at 1,500 feet visibility 5 statute miles rain mist. Isolated thunderstorms and rain. 1400Z N of Bermuda-26° North 79° West scattered clouds at 2,000 feet.

Outlook: VFR N of Bermuda-26° North 79° West...Marginal VFR ceiling rain thunderstorms and rain mist.

S of 27° North 60° West-20° North 73° West...Scattered clouds at 1,500 feet scattered to broken clouds at 7,000 feet tops at 14,000 feet. 0800Z through 1000Z, becoming northwest 1/2 scattered clouds at 1,500 feet broken to overcast clouds at 5,000 to 7,000 feet tops above flight level 240.

Widely scattered rain showers/thunderstorms and rain.

Outlook: VFR rain showers/thunderstorms and rain northwest 1/2...VFR remainder.

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Western Piarco Flight Information Region...Northern Maiquetia Flight Information Region...Curacao Flight Information Region



## ForeFlight Briefing History

Scattered clouds at 2,000 feet scattered clouds at 4,000 feet. Isolated rain showers. Wind occasional E 20 knots. Outlook: VFR wind.

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Santo Domingo Flight Information Region...Port-Au-Prince Flight Information Region  
Hispaniola...Scattered clouds at 2,000 feet scattered to broken clouds at 7,000 feet tops at 17,000 feet. 1200Z scattered clouds at 2,000 feet. 1600Z scattered clouds at 2,000 feet broken clouds at 7,000 feet tops at flight level 200. Outlook: VFR thunderstorms and rain.  
Northwestern waters...Scattered clouds at 3,000 feet scattered to broken clouds at 10,000 feet tops above flight level 240. Isolated rain showers. 1500Z isolated thunderstorms and rain.  
Outlook: VFR thunderstorms and rain.  
Remainder waters...Scattered clouds at 2,000 feet. 1400Z isolated rain showers/thunderstorms and rain. Outlook: VFR thunderstorms and rain.

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Northern Barranquilla Flight Information Region...Northern Panama Flight Information Region  
Scattered clouds at 2,000 feet broken clouds at 9,000 feet tops above flight level 240. East of 79° West isolated rain showers/thunderstorms and rain...West of 79° West widely scattered rain showers/thunderstorms and rain. Outlook: VFR thunderstorms and rain.

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Kingston Flight Information Region  
Scattered clouds at 1,500 feet broken clouds at 3,500 feet tops above flight level 240. Occasional broken clouds at 1,500 feet visibility 3 to 5 statute miles rain mist. Widely scattered thunderstorms and rain. 1100Z scattered thunderstorms and rain. Outlook: marginal VFR ceiling rain thunderstorms and rain mist.

.  
Habana Flight Information Region  
W of 24° North 80° West-20° North 82° West...Broken clouds at 2,000 feet tops at flight level 180 layered above flight level 240. Visibility 3 to 5 statute miles rain mist. Isolated thunderstorms and rain. Thunderstorms ending 0900Z. Outlook: marginal VFR ceiling rain mist...1800Z thunderstorms and rain.  
E of 24° North 80° West-20° North 82° West...Scattered clouds at 2,000 feet broken clouds at 7,000 feet tops above flight level 240. Occasional visibility 3 to 5 statute miles rain mist. Isolated-widely scattered thunderstorms and rain. Outlook: marginal VFR rain thunderstorms and rain mist.

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Northeastern Central America Flight Information Region  
Scattered clouds at 1,500 feet scattered to broken clouds at 7,000 feet tops above flight level 240. Widely scattered rain showers/isolated thunderstorms and rain. 1100Z widely scattered thunderstorms and rain. Outlook: VFR rain showers thunderstorms and rain.

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Ice And Freezing Level...  
No significant ice expect outside convective activity.  
Freezing level...  
Atlantic north of 27° North...12,500 To 14,500 feet.  
Remainder...14,500 To 16,500 feet.

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Turbulence...

## ForeFlight Briefing History

No significant turbulence expect outside convective activity.

Miami CONUS area forecast issued by the Aviation Weather Center Kansas City, Missouri on the 15th at 0045Z

FA2W

Miami area forecast, prepared on the 15th at 0045Z

Synopsis and VFR clouds/weather

Synopsis valid until the 15th at 1900Z

Clouds/weather valid until the 15th at 1300Z...Outlook valid from the 15th at 1300Z to the 15th at 1900Z

North Carolina South Carolina Georgia Florida and coastal waters east of 85W

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Coastal Waters

Atlantic waters NC/SC...Sky clear. Outlook: VFR.

Georgia/Florida N of OMN...Scattered clouds at 1,500 feet scattered clouds at 5,000 feet broken clouds at 10,000 feet tops at 12,000 feet. Until 0500Z isolated light rain showers. 0700Z scattered clouds at 1,500 feet. Outlook: VFR.

Florida OMN-PBI...Sky clear. 0600Z scattered clouds at 1,500 feet. Outlook: VFR.

Florida PBI southward...Scattered clouds at 2,500 feet broken clouds at 5,000 feet broken clouds at 12,000 feet tops at flight level 200. Widely scattered light rain showers/thunderstorms and light rain. CB tops at flight level 380. 0600Z scattered clouds at 2,500 feet scattered to broken cirrus. 1100Z scattered clouds at 2,500 feet scattered to broken clouds at 10,000 feet tops at 15,000 feet. Isolated light rain showers. Outlook: VFR rain showers. Gulf waters east of 85° West N of PIE...Sky clear. Outlook: VFR.

PIE-RSW...Scattered clouds at 1,500 feet scattered cirrus. Outlook: VFR.

S of RSW...Scattered clouds at 2,000 feet scattered clouds at 5,000 feet broken cirrus. Until 0500Z isolated light rain showers. Outlook: VFR until 1700Z rain showers.

Miami CONUS area forecast issued by the Aviation Weather Center Kansas City, Missouri on the 15th at 0045Z

FA2W

Miami area forecast, prepared on the 15th at 0045Z

Synopsis and VFR clouds/weather

Synopsis valid until the 15th at 1900Z

Clouds/weather valid until the 15th at 1300Z...Outlook valid from the 15th at 1300Z to the 15th at 1900Z

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SEE AIRMET SIERRA FOR IFR CONDS And MTN OBSCN.

Thunderstorms imply severe OR greater turbulence severe ice low level wind shear and IFR conditions. Non mean sea level heights denoted by above ground level OR ceiling.

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Florida

Western panhandle...Sky clear. Outlook: VFR.

Eastern panhandle...Sky clear. 0800Z occasional visibility 3 to 5 statute miles mist. 1000Z

## ForeFlight Briefing History

overcast clouds at 1,500 feet tops at 2,500 feet. Visibility 3 to 5 statute miles mist. Outlook: marginal VFR ceiling mist 1600Z VFR.

Northern peninsula...Scattered clouds at 1,500 feet. 0900Z occasional visibility 3 to 5 statute miles mist. 1100Z scattered clouds at 1,000 to 1,500 feet. Visibility 3 to 5 statute miles mist. Outlook: VFR.

West central peninsula...Broken clouds at 4,000 feet tops at 6,000 feet. 0300Z sky clear. 0900Z occasional visibility 3 to 5 statute miles mist. Outlook: VFR.

East central peninsula...Sky clear. 0900Z broken clouds at 1,500 feet tops at 2,500 feet. Outlook: VFR.

Southwest peninsula...Sky clear. Outlook: VFR.

Southeast peninsula...Scattered clouds at 2,500 feet broken clouds at 4,000 feet tops at 6,000 feet. 0300Z scattered clouds at 2,500 feet scattered to broken cirrus. Outlook: VFR.

Keys...Scattered clouds at 2,000 feet scattered clouds at 5,000 feet broken cirrus. Until 0500Z isolated light rain showers. Outlook: VFR until 1700Z rain showers.

### \*\*\*\*\* Terminal Forecasts \*\*\*\*\*

TAF nearest departure: TJBQ

Aguadilla/Rafael Hernandez, Aguadilla, PR (TJBQ). Issued May 15, 0520Z, valid from May 15, 0600Z until May 16, 0600Z, Wind from 130°; at 3 knots, greater than 6 statute miles visibility, Few clouds at 2,500 feet, Ceiling is Broken at 6,000 feet, Broken Clouds at 10,000 feet

From May 15, 1400Z, Wind from 070°; at 10 knots, greater than 6 statute miles visibility, Few clouds at 3,000 feet, Few clouds at 7,000 feet, Scattered Clouds at 12,000 feet

From May 15, 1730Z, Wind from 050°; at 12 knots, greater than 6 statute miles visibility, Thunderstorms in the Vicinity, Scattered Clouds at 2,500 feet Cumulonimbus, Ceiling is Broken at 5,000 feet

From May 15, 2300Z, Wind from 090°; at 5 knots, greater than 6 statute miles visibility, Few clouds at 2,500 feet, Scattered Clouds at 5,000 feet, Scattered Clouds at 10,000 feet.

Eugenio Maria de Hostos, Mayaguez, PR (TJMZ). Issued May 15, 0520Z, valid from May 15, 0600Z until May 16, 0600Z, Wind from 080°; at 5 knots, greater than 6 statute miles visibility, Few clouds at 3,000 feet, Few clouds at 7,000 feet

From May 15, 1730Z, Wind from 280°; at 10 knots, greater than 6 statute miles visibility, Showers in the Vicinity, Scattered Clouds at 2,500 feet, Ceiling is Broken at 5,000 feet

From May 15, 2300Z, Wind from 080°; at 7 knots, greater than 6 statute miles visibility, Few clouds at 2,500 feet, Few clouds at 5,000 feet. Amendments not scheduled.

Grand Turk/Jags McCartney International (MBGT). Issued May 14, 2245Z, valid from May 15, 0000Z until May 16, 0000Z, Wind from 120°; at 4 knots, greater than 9,000 meters visibility, Scattered Clouds at 1,800 feet. 40% probability

Temporary between May 15, 1200Z and May 15, 1600Z, Wind from 140°; at 12 knots, 9,000 meters visibility, Showers Rain, Scattered Clouds at 1,400 feet Cumulonimbus, Ceiling is Broken at 1,800 feet, Broken Clouds at 5,000 feet

From May 15, 1800Z, Wind from 200°; at 3 knots, greater than 9,000 meters visibility,

## ForeFlight Briefing History

Showers in the Vicinity, Scattered Clouds at 1,200 feet, Ceiling is Broken at 3,500 feet, Broken Clouds at 20,000 feet.

Grand Bahama International (MYGF). Issued May 14, 2245Z, valid from May 15, 0000Z until May 16, 0000Z, Wind from 360°; at 3 knots, greater than 9,000 meters visibility, Showers in the Vicinity, Scattered Clouds at 1,800 feet, Ceiling is Broken at 8,000 feet

Becoming between May 15, 0600Z and May 15, 0800Z, Wind is variable at 2 knots, Few clouds at 1,800 feet, Scattered Clouds at 8,000 feet

From May 15, 1200Z, Wind from 080°; at 3 knots, greater than 9,000 meters visibility, Few clouds at 2,500 feet.

Vero Beach Municipal, Vero Beach, FL (KVRB). Issued May 15, 0538Z, valid from May 15, 0600Z until May 16, 0600Z, Wind is variable at 3 knots, greater than 6 statute miles visibility, Few clouds at 5,000 feet

From May 15, 1400Z, Wind from 060°; at 9 knots, greater than 6 statute miles visibility, Few clouds at 2,500 feet

From May 15, 1700Z, Wind from 070°; at 12 knots with gusts to 18 knots, greater than 6 statute miles visibility, Scattered Clouds at 3,500 feet

From May 16, 0000Z, Wind from 070°; at 8 knots, greater than 6 statute miles visibility, Sky Clear.

Melbourne International, Melbourne, FL (KMLB). Amended May 15, 0636Z, valid from May 15, 0700Z until May 16, 0600Z, Wind is variable at 4 knots, greater than 6 statute miles visibility, Scattered Clouds at 1,400 feet, Scattered Clouds at 2,200 feet

Temporary between May 15, 0600Z and May 15, 0800Z, Ceiling is Broken at 1,400 feet, Broken Clouds at 2,200 feet

From May 15, 1500Z, Wind from 050°; at 9 knots, greater than 6 statute miles visibility, Scattered Clouds at 3,000 feet

From May 15, 1700Z, Wind from 070°; at 12 knots with gusts to 18 knots, greater than 6 statute miles visibility, Scattered Clouds at 3,500 feet

From May 16, 0000Z, Wind from 070°; at 11 knots, greater than 6 statute miles visibility, Sky Clear

From May 16, 0300Z, Wind from 070°; at 7 knots, greater than 6 statute miles visibility, Sky Clear.

Patrick Air Force Base, Cocoa Beach, FL (KCOF). Issued May 14, 1800Z, valid from May 14, 1800Z until May 16, 0000Z, Wind from 070°; at 9 knots, greater than 9,000 meters visibility, Few clouds at 4,000 feet, altimeter 29.84 inches

Becoming between May 15, 2000Z and May 15, 2100Z, Wind from 090°; at 12 knots, greater than 9,000 meters visibility, Scattered Clouds at 5,000 feet, altimeter 29.90 inches, forecast maximum temperature 29°;C on May 14, 1800Z, forecast minimum temperature 21°;C on May 15, 1000Z, Last no amendments after 1421Z next 1510Z FCST BY USAF WX MET TECH.

Space Coast Regional, Titusville, FL (KTIX). Issued May 15, 0538Z, valid from May 15, 0600Z until May 16, 0600Z, Wind from 030°; at 3 knots, greater than 6 statute miles visibility,

## ForeFlight Briefing History

Few clouds at 1,200 feet

From May 15, 1400Z, Wind from 060°; at 9 knots, greater than 6 statute miles visibility, Scattered Clouds at 3,000 feet

From May 15, 1700Z, Wind from 060°; at 12 knots with gusts to 18 knots, greater than 6 statute miles visibility, Scattered Clouds at 3,500 feet

From May 16, 0000Z, Wind from 070°; at 11 knots, greater than 6 statute miles visibility, Sky Clear

From May 16, 0200Z, Wind from 070°; at 5 knots, greater than 6 statute miles visibility, Sky Clear.

### \*\*\*\*\* Convective Outlook \*\*\*\*\*

ACUS01 KWNS 150602

SWODY1

SPC AC 150600

DAY 1 CONVECTIVE OUTLOOK

NWS STORM PREDICTION CENTER NORMAN OK

0100 AM CDT MON MAY 15 2017

VALID 151200Z - 161200Z

...THERE IS A SLIGHT RISK OF SEVERE THUNDERSTORMS OVER PORTIONS OF THE MIDDLE AND UPPER MISSISSIPPI VALLEY...

...THERE IS A SLIGHT RISK OF SEVERE THUNDERSTORMS FROM THE TEXAS PANHANDLE NORTH TO WESTERN KANSAS...

...THERE IS A MARGINAL RISK OF SEVERE THUNDERSTORMS SURROUNDING THE SLIGHT RISK AREAS FROM THE NORTHERN PLAINS/UPPER MIDWEST SOUTH TO WEST TEXAS...

...SUMMARY...

SEVERE THUNDERSTORMS WILL BE POSSIBLE ON MONDAY FROM WEST TEXAS NORTH INTO THE NORTHERN PLAINS AND UPPER MIDWEST. THE GREATEST POTENTIAL FOR SEVERE STORMS WILL EXTEND FROM WESTERN KANSAS TO THE

TEXAS PANHANDLE DURING THE AFTERNOON AND EVENING HOURS, AND ACROSS

PORTIONS OF THE MID/UPPER MISSISSIPPI VALLEY DURING THE AFTERNOON AND OVERNIGHT HOURS.

...SYNOPSIS...

AN UPPER-LEVEL TROUGH ALONG WILL MOVE EAST ACROSS THE GREAT BASIN ON

MONDAY AS AN UPPER LOW MOVES SOUTHWARD ALONG THE BRITISH COLUMBIA/NORTHWEST WASHINGTON COAST. BROAD SOUTHWESTERLY MID-LEVEL

FLOW WILL EXIST ACROSS THE CENTRAL/SOUTHERN HIGH PLAINS AND THE NORTHERN MISSISSIPPI VALLEY REGION, WITH SUBTLE/LOW-AMPLITUDE IMPULSES EMBEDDED WITHIN THIS FLOW REGIME. DOWNSTREAM, MID-LEVEL RIDGING WILL EXTEND FROM THE TENNESSEE/OHIO VALLEY REGION NORTH TO THE GREAT LAKES. SURFACE LOW PRESSURE WILL CONSOLIDATE OVER

WESTERN

PORTIONS OF NEBRASKA/SOUTH DAKOTA MONDAY AFTERNOON/EVENING WITH A

DRYLINE EXTENDING SOUTH TO NEAR THE TEXAS/NEW MEXICO BORDER. A WARM

FRONT EXTENDING EAST FROM THE SURFACE LOW WILL MOVE NORTH ACROSS THE

UPPER MIDWEST/WESTERN GREAT LAKES.

...TEXAS PANHANDLE NORTH INTO WESTERN KANSAS...

STRONG DIURNAL HEATING AND SURFACE DEW POINTS IN THE MID 50S WILL COMBINE WITH STEEP MID-LEVEL LAPSE RATES TO RESULT IN WEAK-MODERATE

MLCAPE BY LATE AFTERNOON EAST OF THE DRYLINE. WEAKENING INHIBITION WITH TIME COMBINED WITH DRYLINE CIRCULATIONS SHOULD CONTRIBUTE TO ISOLATED TO WIDELY SCATTERED THUNDERSTORMS DEVELOPING BY AFTERNOON

FROM THE TEXAS PANHANDLE/SOUTH PLAINS NORTHWARD INTO WESTERN KANSAS.

DEEP-LAYER SHEAR AVERAGING 35-40 KTS SHOULD SUPPORT ORGANIZED STORMS INCLUDING SUPERCELLS WITH A RISK FOR DAMAGING GUSTS AND LARGE

HAIL DURING THE LATE AFTERNOON AND EVENING. STORMS SHOULD DIMINISH IN INTENSITY AS NOCTURNAL COOLING/GRADUALLY INCREASING CINH COMMENCES.

...UPPER MIDWEST/WESTERN GREAT LAKES...

STRENGTHENING LOW-LEVEL FLOW MONDAY WILL TRANSPORT UPPER 50S TO MID

60S DEW POINTS NORTHWARD ACROSS THE WARM SECTOR AND COMBINE WITH STEEP MID-LEVEL LAPSE RATES AVERAGING 8 DEG C/KM TO RESULT IN MODERATE MLCAPE ALONG AND SOUTH OF THE WARM FRONT. INCREASING WARM

ADVECTION DURING THE LATE AFTERNOON COMBINED WITH DIURNAL HEATING

MAY CONTRIBUTE TO THUNDERSTORM DEVELOPMENT NEAR THE WARM FRONT, WITH

A COUPLE OF CLUSTERS OF STORMS POSING A SEVERE HAIL AND WIND RISK.

A TORNADO CANNOT BE RULED OUT WITH ANY STORM IN THE VICINITY OF THE FRONT, ESPECIALLY TOWARDS 00Z AS A LOW-LEVEL JET STRENGTHENS. THE STRENGTHENING LOW-LEVEL JET/WARM ADVECTION SHOULD RESULT IN AN INCREASE IN THUNDERSTORM COVERAGE NORTH OF THE FRONT MONDAY NIGHT

WITH LARGE HAIL LIKELY WITH THE STRONGEST STORMS.

...NORTHERN PLAINS...

ISOLATED THUNDERSTORMS ARE EXPECTED TO DEVELOP DURING THE AFTERNOON

IN THE VICINITY OF A SURFACE TROUGH ACROSS WESTERN SOUTH DAKOTA

AND

PERHAPS FAR SOUTHEAST MONTANA, AIDED BY MODEST LARGE-SCALE FORCING

ASSOCIATED WITH A WEAK UPPER IMPULSE. MOIST SOUTHEASTERLY LOW-LEVEL

FLOW TRANSPORTING SURFACE DEW POINTS IN THE UPPER 40S/LOWER 50S WILL RESULT IN WEAK/MODERATE SURFACE-BASED INSTABILITY, AND EFFECTIVE SHEAR VALUES IN EXCESS OF 50 KTS WILL BE FAVORABLE FOR SUPERCELL STRUCTURES WITH A RISK FOR STRONG WIND GUSTS AND LARGE HAIL. HIGHER SEVERE PROBABILITIES MAY BE NEEDED IN LATER OUTLOOKS IF CONFIDENCE IN OVERALL STORM COVERAGE INCREASES.

..BUNTING/COOK.. 05/15/2017

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ACUS02 KWNS 150549

SWODY2

SPC AC 150547

DAY 2 CONVECTIVE OUTLOOK

NWS STORM PREDICTION CENTER NORMAN OK

1247 AM CDT MON MAY 15 2017

VALID 161200Z - 171200Z

...THERE IS A SLIGHT RISK OF SEVERE THUNDERSTORMS ACROSS PORTIONS OF THE SOUTHERN AND CENTRAL PLAINS TO THE UPPER MIDWEST...

...THERE IS A MARGINAL RISK OF SEVERE THUNDERSTORMS SURROUNDING THE SLIGHT RISK FROM MIDDLE RIO GRANDE VALLEY IN TX TO NORTHERN WI...

...SUMMARY...

STRONG TO SEVERE THUNDERSTORMS WILL BE POSSIBLE FROM LATE AFTERNOON

INTO THE OVERNIGHT HOURS ACROSS MUCH OF THE SOUTHERN AND CENTRAL PLAINS TO THE UPPER MIDWEST. LARGE HAIL AND STRONG WIND GUSTS WILL BE THE MAIN THREATS WITH THESE STORMS, THOUGH A TORNADO OR TWO CAN NOT BE RULED OUT.

...SYNOPSIS...

THE UPPER SHORTWAVE TROUGH LOCATED OVER THE LOWER CO VALLEY EARLY

TUESDAY WILL PIVOT EASTWARD ACROSS THE SOUTHERN ROCKIES, BECOMING NEGATIVELY TILTED AS IT EJECTS INTO THE SOUTHERN AND CENTRAL PLAINS. AHEAD OF THE SHORTWAVE TROUGH, A BROAD AREA OF STRONG DEEP-LAYER SOUTHWESTERLY FLOW WILL STRETCH FROM THE SOUTHERN PLAINS TO THE UPPER MIDWEST. 35-45 KT OF SOUTHERLY 850 MB FLOW WILL CONTINUE TO TRANSPORT MOISTURE NORTHWARD ACROSS THE PLAINS AND INTO THE UPPER MIDWEST.

AT THE SURFACE, LOW PRESSURE OVER THE DAKOTAS WILL DEEPEN AND TRACK

NORTHEAST TOWARD JAMES BAY BY 12Z WEDNESDAY. A SECONDARY SURFACE

LOW

WILL DEVELOP OVER THE CENTRAL HIGH PLAINS AND STRENGTHEN ACROSS SOUTH-CENTRAL NE/NORTH-CENTRAL KS OVERNIGHT. A COLD FRONT ATTENDANT

TO THE NORTHERN PLAINS LOW WILL TRACK EAST/SOUTHEAST THROUGH THE PERIOD, EXTENDING FROM NORTHERN WI TO THE CENTRAL PLAINS LOW BY WEDNESDAY MORNING. ADDITIONALLY, A DRYLINE WILL EXTEND SOUTHWARD ACROSS THE CENTRAL AND SOUTHERN HIGH PLAINS AND SURGE EASTWARD INTO

CENTRAL KS/OK/TX OVERNIGHT. THESE SURFACE FEATURES WILL BE THE FOCUS

FOR STRONG TO SEVERE THUNDERSTORM DEVELOPMENT DURING THE LATE AFTERNOON INTO THE OVERNIGHT HOURS.

...CENTRAL/SOUTHERN PLAINS...

A STRONG CAP SHOULD INHIBIT CONVECTION THROUGH MUCH OF THE DAY. BY LATE AFTERNOON, STRONG HEATING ALONG THE DRYLINE AND INCREASING FORCING FOR ASCENT SHOULD RESULT IN AT LEAST ISOLATED SUPERCELL THUNDERSTORM DEVELOPMENT FROM SOUTHWEST NE THROUGH WESTERN KS INTO

THE EASTERN TX PANHANDLE. VERY STEEP LAPSE RATES NEAR 8 DEG C/KM AND

STRONG INSTABILITY WILL SUPPORT A LARGE, POTENTIALLY SIGNIFICANT, HAIL THREAT. FORECAST GUIDANCE VARIES ON THE QUALITY OF MOISTURE THAT WILL SURGE WESTWARD TOWARD THE DRYLINE WITH THE GFS INDICATING

LOW 60S DEWPOINTS WHILE THE NAM IS MORE BULLISH WITH MID AND UPPER 60S DEWPOINTS. IF RICHER MOISTURE DOES IN FACT EXIST THAT FAR WEST, A TORNADO THREAT ALSO WILL INCREASE WITH THESE STORMS.

AFTER 00Z, STRONGER FORCING FOR ASCENT WILL OVERSPREAD THE REGION AND FURTHER DEVELOPMENT IS EXPECTED SOUTHWARD ALONG THE DRYLINE FROM

WESTERN NORTH TX INTO SOUTHWEST TX. A 45-55 KT SOUTH/SOUTHWESTERLY LOW-LEVEL JET WILL DEVELOP DURING THE EVENING AND CONVECTION IS LIKELY TO QUICKLY GROW UPSCALE INTO BOWING LINE SEGMENTS AS STORMS MOVE OFF THE DRYLINE. THESE STORMS WILL BRING A RISK OF MAINLY LARGE HAIL, AS THEY WILL LIKELY BE SOMEWHAT ELEVATED AS THE BOUNDARY LAYER

COOLS AFTER DARK, AS FAR EAST AS CENTRAL OK/TX.

...MID-MO VALLEY/UPPER MIDWEST VICINITY...

CONVECTION IS LIKELY TO BE ONGOING ACROSS PARTS OF THE DAKOTAS INTO MN/WI AT THE BEGINNING OF THE PERIOD. SOME HAIL COULD BE ASSOCIATED WITH THIS WEAKENING, ELEVATED CONVECTION ACROSS MN/WI WITH STEEP LAPSE RATES AND WEAK INSTABILITY PRESENT. THIS CONVECTION COULD HAVE

IMPLICATIONS FOR EVENING/OVERNIGHT STORM DEVELOPMENT DEPENDING ON



HOW THE BOUNDARY LAYER RECOVERS AND HOW FAR NORTH A SURFACE WARM

FRONT IS ABLE TO PROGRESS.

THAT BEING SAID, CONVECTION IS EXPECTED TO DEVELOP BY LATE AFTERNOON/EARLY EVENING ACROSS CENTRAL NE NEAR THE INTERSECTION OF

THE DRYLINE AND SOUTHEASTWARD-ADVANCING COLD FRONT. ADDITIONAL DEVELOPMENT IS EXPECTED NORTHEASTWARD ALONG THE COLD FRONT FROM NORTHEAST NE INTO SOUTHERN MN/WESTERN WI. QUESTIONS REMAIN ON QUALITY OF MOISTURE WITH ANYWHERE FROM LOW 60S TO UPPER 60S DEWPOINTS PROGGED IN FORECAST GUIDANCE. HOWEVER, IT IS CLEAR THAT STEEPER-THAN-NORMAL LAPSE RATES WILL RESIDE ACROSS THE REGION. IN ADDITION TO INCREASING SHEAR AND MODERATE TO STRONG INSTABILITY OVER

THE REGION, LARGE HAIL WILL BE A CONCERN WITH ANY STORMS THAT DEVELOP. ADDITIONALLY, ANY SURFACE-BASED CONVECTION THAT IS ABLE TO FORM, MAINLY ACROSS NE, WILL POSE A DAMAGING-WIND THREAT IN ADDITION

TO LARGE HAIL. HOWEVER, MUCH OF THE CONVECTION FROM NORTHEAST NE INTO MN/WI WILL LIKELY BE ELEVATED, POSING MAINLY A HAIL THREAT INTO THE OVERNIGHT HOURS.

..LEITMAN.. 05/15/2017

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ACUS03 KWNS 150711

SWODY3

SPC AC 150710

DAY 3 CONVECTIVE OUTLOOK

NWS STORM PREDICTION CENTER NORMAN OK

0210 AM CDT MON MAY 15 2017

VALID 171200Z - 181200Z

...NO SEVERE THUNDERSTORM AREAS FORECAST...

...SUMMARY...

THUNDERSTORMS ARE EXPECTED ACROSS MUCH OF THE UPPER MIDWEST ON WEDNESDAY. HOWEVER, UNCERTAINTY IS TOO HIGH AT THIS TIME TO PINPOINT WHERE, OR HOW MUCH, STRONG TO SEVERE THUNDERSTORM ACTIVITY MAY DEVELOP.

...SYNOPSIS...

THE COMPACT PLAINS UPPER SHORTWAVE TROUGH WILL LIFT NORTHEAST OVER

THE MID-MO VALLEY TO THE UPPER GREAT LAKES ON WEDNESDAY. AT THE SURFACE, LOW PRESSURE OVER THE CENTRAL PLAINS LIKEWISE WILL SHIFT NORTHEAST TO THE UPPER GREAT LAKES. A COLD FRONT ATTENDANT TO THE SURFACE LOW WILL BE LOCATED FROM NORTHERN WI TO EASTERN NE DURING THE MORNING AND WILL SHIFT SOUTHEAST THROUGH THE PERIOD, BECOMING

# ForeFlight Briefing History

POSITIONED FROM EASTERN WI SOUTH/SOUTHWEST INTO EASTERN KS BY THURSDAY MORNING. CONVECTION IS EXPECTED TO BE ONGOING IN THE VICINITY OF THE COLD FRONT WEDNESDAY MORNING. CONVECTIVE COVERAGE,  
ITS EVOLUTION DURING THE MORNING AND ANY ASSOCIATED DOWNSTREAM CLOUD COVER WILL AFFECT ANY SEVERE POTENTIAL DURING THE PERIOD. WHERE ANY SUBSTANTIAL SURFACE HEATING CAN OCCUR, STRONG TO SEVERE THUNDERSTORMS MAY DEVELOP ACROSS PARTS OF THE MID TO UPPER MS VALLEY  
GIVEN STRONG SHEAR PROFILES AND STEEP MIDLEVEL LAPSE RATES IN THE PRESENCE OF STRONG FORCING ASSOCIATED WITH UPPER SHORTWAVE TROUGH.  
HOWEVER, THE UNCERTAIN/CONDITIONAL NATURE OF THE THREAT WILL PRECLUDE INTRODUCTION OF SEVERE PROBABILITIES AT THIS TIME.  
..LEITMAN.. 05/15/2017  
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## \*\*\*\*\* Winds Aloft Forecast \*\*\*\*\*

Station	030	060	090	120	180	200	220	240	260	280	300
2k Filed	Filed+2k	Filed+4k									
340	390	450	530								
150600Z											
0200-0900Z											
MIA	LGTVRB	220016+15	240016+10	270014+06	280018-07	283020-11	286022-15				
290025-20	280038-25	270051-30	260065-35	260086-43	260090-52	270085-65	260037-71				
MLB	030006	310008+13	060006+10	070013+07	040011-09	016012-13	353013-18				
330015-23	310025-27	290035-32	270046-37	270053-47	260087-53						
151200Z											
0900-1800Z											
MIA	240005	240012+13	240019+10	240019+05	270011-08	270012-12	270013-16				
270015-21	270021-26	270028-31	270035-36	260078-42	260099-52	270082-65	270037-72				
MLB	LGTVRB	LGTVRB+13	LGTVRB+09	040009+06	LGTVRB-						
09		300006-23	293015-28	286024-33	280033-38	270042-48	260077-53				
160000Z											
1800-0600Z											
MIA	120009	LGTVRB+13	300007+09	290005+05	270014-08	266016-12	263018-16				
260021-21	256024-26	253027-31	250030-37	250054-43	240065-51	260059-63	300042-73				
MLB	080012	050007+15	050009+10	040013+06	LGTVRB-09		270007-23				
266013-28	263019-33	260025-38	260030-48	270042-52							

## ForeFlight Briefing History

### \*\*\*\*\* All Apron NOTAMs \*\*\*\*\*

All published NOTAMs are available in the Notices to Airmen Publication ([http://www.faa.gov/air\\_traffic/publications/notices/](http://www.faa.gov/air_traffic/publications/notices/)).

!TJBQ 07/036 Aguadilla/Rafael Hernandez, Aguadilla, PR (TJBQ) Apron north apron 100 feet by 100 feet south hangar 571 closed Jul 30, 2016 1831Z to Jul 30, 2017 1831Z

### \*\*\*\*\* All Taxiway NOTAMs \*\*\*\*\*

All published NOTAMs are available in the Notices to Airmen Publication ([http://www.faa.gov/air\\_traffic/publications/notices/](http://www.faa.gov/air_traffic/publications/notices/)).

!TJBQ 11/026 Aguadilla/Rafael Hernandez, Aguadilla, PR (TJBQ) Taxiway A 1,100 feet west of taxiway C closed Nov 10, 2016 1452Z to Nov 10, 2017 1500Z

!TJBQ 07/035 Aguadilla/Rafael Hernandez, Aguadilla, PR (TJBQ) Taxiway A between taxiway C and taxiway D closed Jul 30, 2016 1824Z to Jul 30, 2017 1823Z

!TJMZ 12/004 Eugenio Maria de Hostos, Mayaguez, PR (TJMZ) Taxiway A edge light out of service Dec 09, 2016 1300Z to Dec 09, 2017 1300Z

!VRB 05/009 Vero Beach Municipal, Vero Beach, FL (KVRB) Taxiway C3 closed May 16, 2017 1100Z to Jul 17, 2017 2100Z

!VRB 05/008 Vero Beach Municipal, Vero Beach, FL (KVRB) Taxiway C between taxiway D and Sunday aviation east ramp work in progress construction lighted and barricaded May 16, 2017 1100Z to Jul 17, 2017 2100Z

!VRB 05/003 Vero Beach Municipal, Vero Beach, FL (KVRB) Taxiway C between taxiway C2 and approach end runway 30 left closed May 08, 2017 1558Z to May 16, 2017 2100Z

!VRB 05/002 Vero Beach Municipal, Vero Beach, FL (KVRB) Taxiway C1 between runway 12R/30L and taxiway C closed May 08, 2017 1557Z to May 16, 2017 2100Z

!VRB 03/014 Vero Beach Municipal, Vero Beach, FL (KVRB) Taxiway C surface markings not standard Mar 17, 2017 2024Z to Jul 07, 2017 2200Z

!VRB 02/021 Vero Beach Municipal, Vero Beach, FL (KVRB) Taxiway C holding position markings at approach end runway 12 right not standard Feb 17, 2017 1434Z to Jul 07, 2017 2200Z

!MLB 04/004 Melbourne International, Melbourne, FL (KMLB) Taxiway C north of taxiway K closed to transient Apr 03, 2017 0112Z to Jul 02, 2017 0100Z

!TIX 04/032 Space Coast Regional, Titusville, FL (KTIX) Taxiway A north of taxiway C edge

## ForeFlight Briefing History

light out of service Apr 28, 2017 1738Z to Oct 30, 2017 2100Z

!TIX 04/028 Space Coast Regional, Titusville, FL (KTIX) Taxiway B holding position sign for runway 18/36 W side not lighted Apr 28, 2017 1736Z to Oct 30, 2017 2100Z

!TIX 04/027 Space Coast Regional, Titusville, FL (KTIX) Taxiway E holding position sign for runway 18/36 W side not lighted Apr 28, 2017 1735Z to Oct 30, 2017 2100Z

!TIX 04/026 Space Coast Regional, Titusville, FL (KTIX) Taxiway A1 holding position sign for runway 18/36 not lighted Apr 28, 2017 1735Z to Oct 30, 2017 2100Z

!TIX 04/025 Space Coast Regional, Titusville, FL (KTIX) Taxiway A2 holding position sign for runway 18/36 not lighted Apr 28, 2017 1735Z to Oct 30, 2017 2100Z

!TIX 04/024 Space Coast Regional, Titusville, FL (KTIX) Taxiway B holding position sign for runway 18/36 E side not lighted Apr 28, 2017 1734Z to Oct 30, 2017 2100Z

!TIX 04/022 Space Coast Regional, Titusville, FL (KTIX) Taxiway E holding position sign for runway 18/36 E side not lighted Apr 28, 2017 1733Z to Oct 30, 2017 2100Z

\*\*\*\*\* All Runway NOTAMs \*\*\*\*\*

All published NOTAMs are available in the Notices to Airmen Publication  
([http://www.faa.gov/air\\_traffic/publications/notices/](http://www.faa.gov/air_traffic/publications/notices/)).

!TJMZ 12/003 Eugenio Maria de Hostos, Mayaguez, PR (TJMZ) Runway 09 precision approach path indicator out of service Dec 09, 2016 1259Z to Dec 09, 2017 1258Z

!VRB 05/010 Vero Beach Municipal, Vero Beach, FL (KVRB) Runway 12R/30L closed May 17, 2017 1100Z to May 17, 2017 2200Z

!VRB 05/001 Vero Beach Municipal, Vero Beach, FL (KVRB) Runway 30 left runway end ID light out of service May 04, 2017 1537Z to May 31, 2017 2000Z Estimated

!MLB 02/037 Melbourne International, Melbourne, FL (KMLB) Runway 05/23 surface marking not standard Feb 22, 2017 1313Z to Aug 22, 2017 2359Z

!TIX 04/030 Space Coast Regional, Titusville, FL (KTIX) Runway 09/27 holding position sign for runway 18/36 W side not lighted Apr 28, 2017 1737Z to Oct 30, 2017 2100Z

!TIX 04/029 Space Coast Regional, Titusville, FL (KTIX) Runway 09/27 holding position sign for runway 18/36 E side not lighted Apr 28, 2017 1736Z to Oct 30, 2017 2100Z

!TIX 04/023 Space Coast Regional, Titusville, FL (KTIX) Runway 18/36 N 5,000 feet REDL out of service Apr 28, 2017 1733Z to Oct 30, 2017 2100Z

## ForeFlight Briefing History

!TIX 04/021 Space Coast Regional, Titusville, FL (KTIX) Runway 09 runway end ID light N side out of service Apr 28, 2017 1732Z to Oct 30, 2017 2100Z

### \*\*\*\*\* All Aerodrome NOTAMs \*\*\*\*\*

All published NOTAMs are available in the Notices to Airmen Publication ([http://www.faa.gov/air\\_traffic/publications/notices/](http://www.faa.gov/air_traffic/publications/notices/)).

!PIE 04/227 Nasa Shuttle Ldg Facility, Titusville, FL (KTTS) Aerodrome airport windcone for runway 33 out of service Apr 25, 2017 1203Z to May 25, 2017 2359Z

!TIX 04/031 Space Coast Regional, Titusville, FL (KTIX) Aerodrome airport windcone for runway 18 light out of service Apr 28, 2017 1737Z to Oct 30, 2017 2100Z

### \*\*\*\*\* All Communication NOTAMs \*\*\*\*\*

All published NOTAMs are available in the Notices to Airmen Publication ([http://www.faa.gov/air\\_traffic/publications/notices/](http://www.faa.gov/air_traffic/publications/notices/)).

No current Communication NOTAMs data for this briefing.

### \*\*\*\*\* All Navigation NOTAMs \*\*\*\*\*

All published NOTAMs are available in the Notices to Airmen Publication ([http://www.faa.gov/air\\_traffic/publications/notices/](http://www.faa.gov/air_traffic/publications/notices/)).

!TJBQ 04/056 Aguadilla/Rafael Hernandez, Aguadilla, PR (BQN) Navigation TACAN azimuth out of service Apr 27, 2017 1032Z to Oct 31, 2017 2000Z Estimated

!MIA 05/093 Grand Turk (GTK) Navigation TACAN out of service May 09, 2017 1153Z to May 17, 2017 2000Z Estimated

!MIA 12/100 Grand Turk (GTK) Navigation GDT NDB decommissioned Dec 09, 2016 1411Z-permanent

!VRB 03/021 Vero Beach Municipal, Vero Beach, FL (VRB) Navigation VOR ground receiver checkpoint out of service Mar 28, 2017 1257Z to Sep 28, 2017 2111Z Estimated

!VRB 05/007 Treasure, Vero Beach, FL (TRV) Navigation VOR out of service May 11, 2017 1853Z to Jul 31, 2017 2000Z Estimated

!VRB 03/002 Treasure, Vero Beach, FL (TRV) Navigation DME commissioned Mar 01, 2017 1318Z-permanent

!VRB 03/001 Treasure, Vero Beach, FL (TRV) Navigation TACAN azimuth out of service Mar 01, 2017 1306Z-permanent

## ForeFlight Briefing History

!MLB 03/026 Melbourne International, Melbourne, FL (MLB) Navigation VOR/DME out of service Mar 20, 2017 1204Z to May 31, 2017 2000Z Estimated

!GPS 05/068 KZMA Navigation navigation (GAFC Global Positioning System 17-03) Global Positioning System (including Wide Area Augmentation System, ground-based augmentation system, and ADS-B) May not be available WI A 251 nautical miles radius centered at 303445N0864045W (CEW 183015) flight level 400-unlimited, 206 nautical miles radius at flight level 250, 140 nautical miles radius at 10,000 feet, 97 nautical miles radius at 4,000 feet above ground level, 39 nautical miles radius at 50 feet above ground level. Daily 1500-2000 May 17, 2017 1500Z to May 18, 2017 2000Z

!GPS 05/061 KZMA Navigation (GAFC Global Positioning System 17-03) Global Positioning System (including Wide Area Augmentation System, ground-based augmentation system, and ADS-B) May not be available WI A 251 nautical miles radius centered at 303445N0864045W (CEW 183015) flight level 400-unlimited, 206 nautical miles radius at flight level 250, 140 nautical miles radius at 10,000 feet, 97 nautical miles radius at 4,000 feet above ground level, 39 nautical miles radius at 50 feet above ground level. May 16, 2017 1500Z to May 16, 2017 2000Z

!GPS 05/056 KZMA Navigation (GAFC Global Positioning System 17-03) Global Positioning System (including Wide Area Augmentation System, ground-based augmentation system, and ADS-B) May not be available WI A 251 nautical miles radius centered at 303445N0864045W (CEW 183015) flight level 400-unlimited, 206 nautical miles radius at flight level 250, 140 nautical miles radius at 10,000 feet, 97 nautical miles radius at 4,000 feet above ground level, 39 nautical miles radius at 50 feet above ground level May 15, 2017 1500Z to May 15, 2017 2000Z

!GPS 05/067 KZJX Navigation navigation (GAFC Global Positioning System 17-03) Global Positioning System (including Wide Area Augmentation System, ground-based augmentation system, and ADS-B) May not be available WI A 251 nautical miles radius centered at 303445N0864045W (CEW 183015) flight level 400-unlimited, 206 nautical miles radius at flight level 250, 140 nautical miles radius at 10,000 feet, 97 nautical miles radius at 4,000 feet above ground level, 39 nautical miles radius at 50 feet above ground level. Daily 1500-2000 May 17, 2017 1500Z to May 18, 2017 2000Z

!GPS 05/060 KZJX Navigation (GAFC Global Positioning System 17-03) Global Positioning System (including Wide Area Augmentation System, ground-based augmentation system, and ADS-B) May not be available WI A 251 nautical miles radius centered at 303445N0864045W (CEW 183015) flight level 400-unlimited, 206 nautical miles radius at flight level 250, 140 nautical miles radius at 10,000 feet, 97 nautical miles radius at 4,000 feet above ground level, 39 nautical miles radius at 50 feet above ground level. May 16, 2017 1500Z to May 16, 2017 2000Z

!GPS 05/055 KZJX Navigation (GAFC Global Positioning System 17-03) Global Positioning System (including Wide Area Augmentation System, ground-based augmentation system, and ADS-B) May not be available WI A 251 nautical miles radius centered at 303445N0864045W (CEW 183015) flight level 400-unlimited, 206 nautical miles radius at flight level 250, 140 nautical miles radius at 10,000 feet, 97 nautical miles radius at 4,000 feet above ground level, 39 nautical miles radius at 50 feet above ground level May 15, 2017 1500Z to May 15, 2017 2000Z

## ForeFlight Briefing History

!GPS 05/065 GPS Navigation PRN 11 out of service May 18, 2017 1630Z to May 19, 2017 0030Z

!GPS 05/064 GPS Navigation PRN 12 out of service May 18, 2017 2335Z to May 19, 2017 1135Z

!TIX 05/012 Space Coast Regional, Titusville, FL (KTIX) Navigation ILS runway 36 glide path/localizer out of service May 17, 2017 1230Z to May 17, 2017 1630Z

!TIX 05/011 Space Coast Regional, Titusville, FL (KTIX) Navigation ILS runway 36 localizer/glide path out of service May 16, 2017 1330Z to May 16, 2017 1500Z

### \*\*\*\*\* All Service NOTAMs \*\*\*\*\*

All published NOTAMs are available in the Notices to Airmen Publication ([http://www.faa.gov/air\\_traffic/publications/notices/](http://www.faa.gov/air_traffic/publications/notices/)).

!TJBQ 05/033 Aguadilla/Rafael Hernandez, Aguadilla, PR (TJBQ) Service tower OPN class D service available May 15, 2017 0454Z to May 15, 2017 0800Z

!GNV 04/151 KZJX Service Jacksonville approach control clearance delivery 904-741-0767 changed to 904-741-0284 Apr 21, 2016 1836Z-permanent

### \*\*\*\*\* All Obstruction NOTAMs \*\*\*\*\*

All published NOTAMs are available in the Notices to Airmen Publication ([http://www.faa.gov/air\\_traffic/publications/notices/](http://www.faa.gov/air_traffic/publications/notices/)).

!TJBQ 05/024 Aguadilla/Rafael Hernandez, Aguadilla, PR (TJBQ) Obstruction tower light (Antenna Structure Registration 1204269) 18° 28' 25.00" North 067° 08' 10.50" West (1.4 Nautical miles south-south-west BQN) 426.8 Feet (128.0 Feet above ground level) out of service May 08, 2017 1354Z to May 23, 2017 1354Z

!TJBQ 04/065 Aguadilla/Rafael Hernandez, Aguadilla, PR (TJBQ) Obstruction tower light (Antenna Structure Registration 1010661) 18° 25' 50.40" North 067° 07' 49.90" West (3.8 Nautical miles S BQN) 946.9 Feet (222.1 Feet above ground level) out of service Apr 30, 2017 1543Z to May 30, 2017 2359Z

!TJMZ 05/010 Eugenio Maria de Hostos, Mayaguez, PR (TJMZ) Obstruction tower light (Antenna Structure Registration 1235198) 18° 02' 07.40" North 067° 03' 48.30" West (13.5 Nautical miles south-south-east MAZ) 334.0 Feet (245.1 Feet above ground level) out of service May 08, 2017 0414Z to May 23, 2017 0314Z

!TJMZ 03/018 Eugenio Maria de Hostos, Mayaguez, PR (TJMZ) Obstruction tower light (Antenna Structure Registration 1011580) 18° 08' 56.00" North 066° 59' 20.00" West (10.6

## ForeFlight Briefing History

Nautical miles southeast MAZ) 3114.2 Feet (294.0 Feet above ground level) out of service Mar 24, 2017 1412Z to Mar 24, 2018 1411Z

!PIE 05/050 Valkaria, Valkaria, FL (KX59) Obstruction tower light (Antenna Structure Registration 1041511) 27° 59' 49.00" North 080° 40' 13.00" West (6.3 Nautical miles west-north-west X59) 429.1 Feet (400.9 Feet above ground level) out of service May 03, 2017 1640Z to Jun 02, 2017 1640Z

!MLB 05/003 Melbourne International, Melbourne, FL (KMLB) Obstruction tower light (Antenna Structure Registration 1003608) 28° 03' 11.60" North 080° 42' 22.30" West (4.5 Nautical miles southwest MLB) 344.8 Feet (320.9 Feet above ground level) out of service May 03, 2017 2000Z to May 18, 2017 2000Z

!MLB 05/001 Melbourne International, Melbourne, FL (KMLB) Obstruction tower light (Antenna Structure Registration 1030510) 28° 05' 18.40" North 080° 36' 34.60" West (2.1 Nautical mile east-south-east MLB) 211.9 Feet (189.0 Feet above ground level) out of service May 01, 2017 2305Z to May 16, 2017 0400Z

!PIE 05/146 Merritt Island, Merritt Island, FL (KCOI) Obstruction crane (Aeronautical Study Number unknown) 284014N0807119W (3.85 Nautical miles N approach end runway 29) unknown (300FT above ground level) flagged not lighted May 16, 2017 1200Z to May 16, 2017 2200Z

!PIE 05/130 Merritt Island, Merritt Island, FL (KCOI) Obstruction tower light (Antenna Structure Registration 1064245) 28° 19' 38.00" North 080° 44' 10.00" West (2.9 Nautical miles west-south-west COI) 421.9 Feet (397.0 Feet above ground level) out of service May 12, 2017 0306Z to Jun 11, 2017 0306Z

!PIE 05/107 Merritt Island, Merritt Island, FL (KCOI) Obstruction tower light (Antenna Structure Registration 1036219) 28° 21' 15.00" North 080° 48' 56.00" West (6.9 Nautical miles W COI) 433.1 Feet (417.0 Feet above ground level) out of service May 09, 2017 1831Z to Jun 08, 2017 2359Z Estimated

!PIE 05/096 Merritt Island, Merritt Island, FL (KCOI) Obstruction tower light (Antenna Structure Registration 1003443) 28° 17' 19.40" North 080° 45' 09.90" West (4.9 Nautical miles southwest COI) 304.1 Feet (285.1 Feet above ground level) out of service May 09, 2017 0334Z to May 24, 2017 0334Z

!PIE 05/048 Merritt Island, Merritt Island, FL (KCOI) Obstruction tower light (Antenna Structure Registration 1053764) 28° 22' 55.00" North 080° 36' 30.00" West (4.8 Nautical miles east-north-east COI) 237.9 Feet (232.0 Feet above ground level) out of service May 03, 2017 1309Z to Jun 02, 2017 2359Z Estimated

!PIE 05/015 Arthur Dunn Air Park, Titusville, FL (KX21) Obstruction tower light (Antenna Structure Registration 1003603) 28° 46' 39.00" North 080° 53' 18.00" West (9.6 Nautical miles north-north-west X21) 387.8 Feet (359.9 Feet above ground level) out of service May 02, 2017



## ForeFlight Briefing History

0012Z to May 17, 2017 0012Z

!PIE 04/111 Arthur Dunn Air Park, Titusville, FL (KX21) Obstruction tower light (Antenna Structure Registration 1055007) 28° 44' 21.00" North 080° 53' 01.00" West (7.3 Nautical miles north-north-west X21) 251.6 Feet (224.7 Feet above ground level) out of service Apr 12, 2017 2005Z to Jun 12, 2017 2359Z

!PIE 03/286 Arthur Dunn Air Park, Titusville, FL (KX21) Obstruction tower light (Antenna Structure Registration 1063249) 28° 36' 36.00" North 081° 03' 34.00" West (11.9 Nautical miles W X21) 1747.4 Feet (1694.9 Feet above ground level) out of service Mar 28, 2017 0724Z to Jun 28, 2017 2359Z

!TJSJ 04/043 TJZS Obstruction moored balloon WI an area defined as 1 nautical mile radius of 181415N0663436W (35.8 Nautical miles W SJU) 3,650 feet (500FT above ground level) lighted Apr 05, 2017 1437Z to Mar 08, 2018 2359Z

!GWO 05/347 MS9 Obstruction tower light (Antenna Structure Registration 1040512) 34° 48' 50.50" North 089° 58' 29.80" West (3.2 Nautical miles west-north-west MS9) 674.9 Feet (294.9 Feet above ground level) out of service May 13, 2017 0736Z to May 28, 2017 0400Z

!GWO 05/230 MS9 Obstruction tower light (Antenna Structure Registration 1213329) 34° 36' 27.90" North 089° 56' 57.70" West (11.5 Nautical miles S MS9) 517.7 Feet (258.9 Feet above ground level) out of service May 07, 2017 2243Z to May 22, 2017 0400Z

\*\*\*\*\* All Airspace NOTAMs \*\*\*\*\*

All published NOTAMs are available in the Notices to Airmen Publication ([http://www.faa.gov/air\\_traffic/publications/notices/](http://www.faa.gov/air_traffic/publications/notices/)).

!PIE 05/141 Patrick Air Force Base, Cocoa Beach, FL (KCOF) Airspace see Flight Data Center (FDC) 7/4621 Miami Center (ZMA) 91.143 Space operations May 15, 2017 2245Z to May 16, 2017 0049Z

!PIE 05/139 Patrick Air Force Base, Cocoa Beach, FL (KCOF) Airspace see Flight Data Center (FDC) 7/4615 Jacksonville Center (ZJX) 91.143 Space operations May 15, 2017 2245Z to May 16, 2017 0049Z

!PIE 05/142 Merritt Island, Merritt Island, FL (KCOI) Airspace see Flight Data Center (FDC) 7/4621 Miami Center (ZMA) 91.143 Space operations May 15, 2017 2245Z to May 16, 2017 0049Z

!PIE 05/138 Merritt Island, Merritt Island, FL (KCOI) Airspace see Flight Data Center (FDC) 7/4615 Jacksonville Center (ZJX) 91.143 Space operations May 15, 2017 2245Z to May 16, 2017 0049Z

!PIE 05/140 Cape Canaveral Air Force Station Skid Strip, Cocoa Beach, FL (KXMR) Airspace

## ForeFlight Briefing History

see Flight Data Center (FDC) 7/4621 Miami Center (ZMA) 91.143 Space operations May 15, 2017 2245Z to May 16, 2017 0049Z

!PIE 05/136 Cape Canaveral Air Force Station Skid Strip, Cocoa Beach, FL (KXMR) Airspace see Flight Data Center (FDC) 7/4615 Jacksonville Center (ZJX) 91.143 Space operations May 15, 2017 2245Z to May 16, 2017 0049Z

!PIE 05/143 Arthur Dunn Air Park, Titusville, FL (KX21) Airspace see Flight Data Center (FDC) 7/4621 Miami Center (ZMA) 91.143 Space operations May 15, 2017 2245Z to May 16, 2017 0049Z

!PIE 05/137 Arthur Dunn Air Park, Titusville, FL (KX21) Airspace see Flight Data Center (FDC) 7/4615 Jacksonville Center (ZJX) 91.143 Space operations May 15, 2017 2245Z to May 16, 2017 0049Z

!MIA 04/054 KZMA Airspace fire fighting aircraft operations WI an area defined as 5 nautical miles radius of 255126N0810204W (9FL7) surface-2,000 feet Apr 05, 2017 1857Z to Jul 05, 2017 1849Z

!MIA 01/098 KZMA Airspace unmanned aircraft system WI an area defined as 3.5 Nautical miles radius of PHK041022.4 (2NM NE X58) surface-300 feet above ground level daily 1300-2100 Jan 10, 2017 1300Z to Jan 10, 2018 2100Z

!GNV 04/187 KZJX Airspace unmanned aircraft system WI an area defined as 0.5 Nautical miles radius of 310850N0840743W (6.8 Nautical miles southeast CXU) surface-400 feet above ground level daily sunrise-sunset Apr 19, 2017 1104Z to Aug 01, 2017 0033Z

!GNV 05/256 KZJX Airspace parachute jumping exercise WI an area defined as 3 nautical miles radius of CEW080025 (05FA) surface-14,500 feet avoidance advised May 26, 2016 1730Z-permanent

!TIX 05/010 Space Coast Regional, Titusville, FL (KTIX) Airspace see Flight Data Center (FDC) 7/4621 Miami Center (ZMA) 91.143 Space operations May 15, 2017 2245Z to May 16, 2017 0049Z

!TIX 05/009 Space Coast Regional, Titusville, FL (KTIX) Airspace see Flight Data Center (FDC) 7/4615 Jacksonville Center (ZJX) 91.143 Space operations May 15, 2017 2245Z to May 16, 2017 0049Z

\*\*\*\*\* All Special Use Airspace NOTAMs \*\*\*\*\*

!SUAE 05/209 KZMA Airspace Avon east high Military Operations Area active 14,000 feet UP to but not including flight level 180 May 15, 2017 1230Z to May 16, 2017 0500Z

!SUAE 05/185 KZMA Airspace W168 active surface to flight level 500 May 15, 2017 2345Z to May 16, 2017 0200Z

## ForeFlight Briefing History

!SUA 05/182 KZMA Airspace R2934 active surface-unlimited May 15, 2017 2245Z to May 16, 2017 0049Z

!SUA 05/181 KZMA Airspace R2933 active 5,000 feet-unlimited May 15, 2017 2245Z to May 16, 2017 0049Z

!SUA 05/174 KZMA Airspace W497A active surface-5,000 feet May 15, 2017 2115Z to May 16, 2017 0049Z

!SUA 05/171 KZMA Airspace W168 active surface to flight level 500 May 15, 2017 2000Z to May 15, 2017 2200Z

!SUA 05/210 KZJX Airspace R3005C active surface to flight level 290 May 16, 2017 0701Z to May 16, 2017 0959Z

!SUA 05/204 KZJX Airspace gamecock C Military Operations Area active 100 feet-10,000 feet May 15, 2017 1100Z to May 15, 2017 1159Z

!SUA 05/203 KZJX Airspace gamecock B Military Operations Area active 10,000 feet UP to but not including flight level 180 May 15, 2017 1100Z to May 15, 2017 1159Z

!SUA 05/202 KZJX Airspace gamecock I Military Operations Area active 100 feet-6,000 feet May 15, 2017 1100Z to May 15, 2017 1159Z

!SUA 05/201 KZJX Airspace gamecock D Military Operations Area active 12,000 feet UP to but not including flight level 180 May 15, 2017 1100Z to May 15, 2017 1159Z

!SUA 05/195 KZJX Airspace R3005E active surface to flight level 290 May 16, 2017 0401Z to May 16, 2017 0959Z

!SUA 05/194 KZJX Airspace R3005B active surface to flight level 290 May 16, 2017 0401Z to May 16, 2017 0959Z

!SUA 05/193 KZJX Airspace R3005A active surface to flight level 290 May 16, 2017 0401Z to May 16, 2017 0959Z

!SUA 05/192 KZJX Airspace R3005D active surface to flight level 290 May 16, 2017 0401Z to May 16, 2017 0959Z

!SUA 05/173 KZJX Airspace R2904A active surface-1,799 feet May 15, 2017 2101Z to May 16, 2017 0400Z

!SUA 05/168 KZJX Airspace light out/night vision goggle training MOODY 2 south Military Operations Area active 100 feet-7,999 feet May 16, 2017 1330Z to May 17, 2017 0400Z

## ForeFlight Briefing History

!SUA 05/167 KZJX Airspace light out/night vision goggle training MOODY 2 north Military Operations Area active 500 feet-7,999 feet May 16, 2017 1330Z to May 17, 2017 0350Z

!SUA 05/165 KZJX Airspace W151F active surface to flight level 600 May 15, 2017 1300Z to May 16, 2017 0300Z

!SUA 05/164 KZJX Airspace W151A active surface to flight level 600 May 15, 2017 1300Z to May 15, 2017 1659Z

!SUA 05/162 KZJX Airspace W151E active surface to flight level 600 May 15, 2017 1300Z to May 16, 2017 0300Z

!SUA 05/161 KZJX Airspace W470F active surface to flight level 600 May 15, 2017 1245Z to May 15, 2017 2230Z

!SUA 05/160 KZJX Airspace R2903A active surface-4,900 feet May 15, 2017 1200Z to May 16, 2017 0400Z

!SUA 05/150 KZJX Airspace R3005C active surface to flight level 290 May 15, 2017 0701Z to May 15, 2017 0959Z

!SUA 05/148 KZJX Airspace R3005E active surface to flight level 290 May 15, 2017 0401Z to May 15, 2017 0959Z

!SUA 05/147 KZJX Airspace R3005D active surface to flight level 290 May 15, 2017 0401Z to May 15, 2017 0959Z

!SUA 05/146 KZJX Airspace light out/night vision goggle training MOODY 2 north Military Operations Area active 500 feet-7,999 feet May 16, 2017 0400Z to May 16, 2017 0430Z

!SUA 05/145 KZJX Airspace R3005B active surface to flight level 290 May 15, 2017 0401Z to May 15, 2017 0959Z

!SUA 05/144 KZJX Airspace R3005A active surface to flight level 290 May 15, 2017 0401Z to May 15, 2017 0959Z

!SUA 05/143 KZJX Airspace light out/night vision goggle training MOODY 2 south Military Operations Area active 100 feet-7,999 feet May 16, 2017 0400Z to May 16, 2017 0430Z

!SUA 05/128 KZJX Airspace light out/night vision goggle training MOODY 2 south Military Operations Area active 100 feet-7,999 feet May 15, 2017 1330Z to May 16, 2017 0400Z

!SUA 05/127 KZJX Airspace light out/night vision goggle training MOODY 2 north Military Operations Area active 500 feet-7,999 feet May 15, 2017 1330Z to May 16, 2017 0400Z

!SUA 05/094 KZJX Airspace Eglin A west Military Operations Area active 6,000 feet above

## ForeFlight Briefing History

ground level-8,000 feet May 13, 2017 0201Z to May 15, 2017 1059Z

!SUAE 05/093 KZJX Airspace Eglin A east Military Operations Area active 6,000 feet above ground level-8,000 feet May 13, 2017 0201Z to May 15, 2017 1059Z

\*\*\*\*\* All Unverified Aeronautical Information NOTAMs \*\*\*\*\*

All published NOTAMs are available in the Notices to Airmen Publication  
([http://www.faa.gov/air\\_traffic/publications/notices/](http://www.faa.gov/air_traffic/publications/notices/)).

No current Unverified Aeronautical Information NOTAMs data for this briefing.

\*\*\*\*\* All Other NOTAMs \*\*\*\*\*

All published NOTAMs are available in the Notices to Airmen Publication  
([http://www.faa.gov/air\\_traffic/publications/notices/](http://www.faa.gov/air_traffic/publications/notices/)).

No current Other NOTAMs data for this briefing.

\*\*\*\*\* All NOTAMs without keywords \*\*\*\*\*

All published NOTAMs are available in the Notices to Airmen Publication  
([http://www.faa.gov/air\\_traffic/publications/notices/](http://www.faa.gov/air_traffic/publications/notices/)).

!FDC 7/9539 FDC CHART CORRECT U.S. GOVERNMENT SAN FRANCISCO VFR SECTIONAL AERONAUTICAL CHART, 98TH EDITION, EFFECTIVE 02 MAR 2017... CHANGE RUNWAY LENGTH AT PARKER CARSON AIRPORT (2Q5), CARSON CITY, NEVADA FROM 17 TO 08, LOCATED AT 39 12 05N, 119 41 00W. 03 MAY 15:17 2017 UNTIL PERM. CREATED: 03 MAY 15:18 2017

!FDC 7/9108 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-15, PANEL C, EFFECTIVE 02 FEB 2017... FOR CHART SERIES EFFECTIVE 27 APRIL 2017, V272 BETWEEN BURNS FLAT (BFV) VORTAC AND BORGER (BGD) VORTAC SHOULD HAVE A TOTAL MILEAGE OF 112 NAUTICAL MILES. UPDATE WILL BE PUBLISHED JUNE 22, 2017. 03 MAY 11:07 2017 UNTIL PERM. CREATED: 03 MAY 11:12 2017

!FDC 7/8747 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-29, PANEL E, EFFECTIVE 05 JAN 2017... EFFECTIVE 27 APR 2017 V268 WESTMINSTER (EMI) VORTAC TO BALTIMORE (BAL) VORTAC BEARING SHOULD BE 151. CORRECTION WILL BE PUBLISHED ON 22 JUN 2017 EFFECTIVE DATE. 02 MAY 16:37 2017 UNTIL PERM. CREATED: 02 MAY 16:37 2017

!FDC 7/8570 FDC CHART CORRECT U.S. GOVERNMENT NEW YORK VFR SECTIONAL AERONAUTICAL CHART, 94TH EDITION, EFFECTIVE 10 NOV 2016... ADD RP\* TO FREEHOLD AIRPORT (115), FREEHOLD, NEW YORK AT 42 21 50.4N, 74 03 54.1W TO INDICATE RWY RIGHT TFC PATTERN FOR GLIDERS. 11 APR 22:10 2017 UNTIL PERM. CREATED: 11 APR 22:10 2017

## ForeFlight Briefing History

!FDC 7/8441 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-34, PANEL H, EFFECTIVE 05 JAN 2017... SHOWN ON CURRENT CHART EFFECTIVE DATE 27 APRIL 2017. CO-LOCATED ROUTES V3, V405 AND V419 FROM SOLBERG (SBJ) VOR/DME TO FALLZ REPORTING POINT SHOULD SHOW A 3000 MEA AND A 2500 MOCA. A CORRECTION WILL BE PUBLISHED ON THE 22 JUNE 2017 EFFECTIVE DATE. 02 MAY 10:43 2017 UNTIL PERM. CREATED: 02 MAY 10:43 2017

!FDC 7/8249 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART H-8, PANEL J, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017:SUA TAB SHOULD CONTAIN (MY)D3003C EFFECTIV ALTITUDE UNLIMITED. EFFECTIVE TIME BY NOTAM, CONTROLLING TIME BY NOTAM, CONTROLLING AGENCY NASSUE ACC. 01 MAY 17:41 2017 UNTIL PERM. CREATED: 01 MAY 17:42 2017

!FDC 7/8229 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART H-8, PANEL J, EFFECTIVE 05 JAN 2017... EFFECTIVE 27 APRIL 2017 ON BR2L AT NDB SAN SALVADOR (ZSJ) BEARING SHOULD BE 063. 01 MAY 17:14 2017 UNTIL PERM. CREATED: 01 MAY 17:14 2017

!FDC 7/8225 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART H-8, PANEL, EFFECTIVE 05 JAN 2017... EFFECTIVE 27 APRIL: 2017:SUA TAB TAB SHOULD CONTAIN (MY)D3003C EFFECTIVE ALTITUDE UNLTD, EFFECTIVE TIMES BY NOTAM, CONTROLLING AGENCY NASSAU ACC. 01 MAY 17:11 2017 UNTIL PERM. CREATED: 01 MAY 17:11 2017

!FDC 7/8219 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART H-8, PANEL J, EFFECTIVE 05 JAN 2017... EFFECTIVE 27 APRIL 2017: SUA TAB SHOULD CONTAIN (MY)D3003B EFFECTIVE ALTITUDE UNLTD, EFFECTIVE TIME BY NOTAM, CONTROLLING AGENCY NASSAU ACC. 01 MAY 17:06 2017 UNTIL PERM. CREATED: 01 MAY 17:07 2017

!FDC 7/8211 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART H-8, PANEL J, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017; SUA TAB SHOULD CONTAIN (MY)D3003A, EFFECTIVE ALTITUDE UNLTD, EFFECTIVE TIME BY NOTAMS, CONTROLLING AGENCY NASSAU ACC. 01 MAY 17:02 2017 UNTIL PERM. CREATED: 01 MAY 17:02 2017

!FDC 7/8184 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-36, PANEL J, EFFECTIVE 05 JAN 2017... SHOWN ON CURRENT CHART EFFECTIVE DATE 27 APRIL 2017. V268 WESTMINSTER (EMI) VORTAC TO BALTIMORE (BAL) VORTAC BEARING SHOULD BE 151. CORRECTION WILL BE PUBLISHED ON 22 JUNE 2017 EFFECTIVE DATE. 01 MAY 16:38 2017 UNTIL PERM. CREATED: 01 MAY 16:39 2017

!FDC 7/8182 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-34, PANEL F, EFFECTIVE 05 JAN 2017... SHOWN ON CURRENT CHART EFFECTIVE DATE 27 APRIL 2017. V268 WESTMINSTER (EMI) VORTAC TO BALTIMORE (BAL) VORTAC BEARING SHOULD BE 151. CORRECTION WILL BE PUBLISHED ON 22 JUNE 2017 EFFECTIVE DATE. 01 MAY 16:36 2017 UNTIL PERM. CREATED: 01 MAY 16:36 2017

!FDC 7/7282 FDC SECURITY..SPECIAL SECURITY INSTRUCTIONS FOR UNMANNED AIRCRAFT SYSTEM (UAS) OPERATIONS FOR MULTIPLE LOCATIONS NATIONWIDE APRIL 14, 2017 APRIL 13, 2019 LOCAL. THIS NOTAM REPLACES NOTAM 7/7137 DUE SOFTWARE COMPATABILITY ERROR. PURSUANT TO 49 USC 40103(B)(3), THE FEDERAL AVIATION ADMINISTRATION (FAA) CLASSIFIES THE AIRSPACE DEFINED IN THIS NOTAM AS 'NATIONAL DEFENSE AIRSPACE'. OPERATORS WHO DO NOT COMPLY WITH THE FOLLOWING PROCEDURES MAY FACE THE FOLLOWING ENFORCEMENT ACTIONS: A) THE UNITED STATES GOVERNMENT MAY PURSUE CRIMINAL CHARGES, INCLUDING CHARGES UNDER 49 USC 46307. B) THE FAA MAY TAKE ADMINISTRATIVE ACTION, INCLUDING IMPOSING CIVIL PENALTIES AND THE REVOCATION OF FAA CERTIFICATES OR AUTHORIZATIONS TO OPERATE UNDER TITLE 49 USC 44709 AND 46301. PURSUANT TO 14 CFR 99.7, SPECIAL SECURITY INSTRUCTIONS (SSI), ALL UAS FLIGHT OPERATIONS, INCLUDING PUBLIC, CIVIL, AND MODEL AIRCRAFT, ARE PROHIBITED WI THE AIRSPACE OVER SELECT NATIONAL SECURITY SENSITIVE FACILITIES, SFC-400FT AGL, EXCEPT AS PROVIDED FOR BELOW. THE LIST OF SELECTED FACILITIES, DEFINITIONS OF THE ASSOCIATED AIRSPACE IN WHICH UAS OPERATIONS ARE PROHIBITED, DESIGNATED FACILITY CONTACTS, AND OTHER IMPORTANT INFORMATION ARE PROVIDED AT THE SECURITY..SPECIAL SECURITY INSTRUCTIONS FOR UNMANNED FOLLOWING FAA WEBSITE: [HTTP://UAS.FAA.OPENDATA.ARCGIS.COM](http://uas.faa.opendata.arcgis.com). UAS OPERATIONS ARE AUTHORIZED WI THE DEFINED SSI AIRSPACE IF IN COMPLIANCE WITH THE REQUIREMENTS LISTED BELOW: 1) THE UAS FLIGHT OPERATION HAS BEEN PRE-APPROVED BY THE DESIGNATED FACILITY CONTACT BASED ON CRITERIA ESTABLISHED BY THE SPONSORING FEDERAL AGENCY IN COORDINATION WITH THE FAA; OR 2) IF THE UAS FLIGHT OPERATION IS CONDUCTED IN DIRECT SUPPORT OF AN ACTIVE NATIONAL DEFENSE, HOMELAND SECURITY, LAW ENFORCEMENT, FIREFIGHTING, SEARCH AND RESCUE, OR DISASTER RESPONSE MISSION, AND PRIOR NOTIFICATION HAS BEEN PROVIDED TO THE DESIGNATED FACILITY CONTACT; OR 3) IF THE UAS FLIGHT OPERATION IS CONDUCTED IN DIRECT SUPPORT OF A SIGNIFICANT AND URGENT GOVERNMENTAL INTEREST AND IS APPROVED BY THE FAAS SYSTEM OPERATIONS SUPPORT CENTER (SOSC) IN ADVANCE OF ENTERING THE DEFINED SSI AIRSPACE; AND 4) THE UAS FLIGHT OPERATION COMPLIES WITH ALL OTHER APPLICABLE FEDERAL AVIATION REGULATIONS. IF YOU HAVE GENERAL QUESTIONS REGARDING UAS OPERATIONS, PLEASE REFER SECURITY..SPECIAL SECURITY INSTRUCTIONS FOR UNMANNED TO [WWW.FAA.GOV/UAS/CONTACT/](http://WWW.FAA.GOV/UAS/CONTACT/); OR CONTACT THE FAA VIA EMAIL AT [UASHELP@FAA.GOV](mailto:UASHELP@FAA.GOV) OR PHONE AT (844) FLY-MY-UA. IF YOU HAVE QUESTIONS REGARDING THESE UAS SSI, PLEASE REFER TO THE FOLLOWING FAA

## ForeFlight Briefing History

WEBSITE: [HTTP://UAS.FAA.OPENDATA.ARCGIS.COM](http://uas.faa.opendata.arcgis.com); OR CONTACT THE FAAS SOSC AT (202)267-8276. 14 APR 00:00 2017 UNTIL 13 APR 23:59 2019. CREATED: 07 APR 23:46 2017

!FDC 7/7281 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-28, PANEL J, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APR 2017 V96 MOCA 2300 FROM VORTAC (FWA) FORT WAYNE TO ILLIE, OH FIX AND MOCA 2100 FROM ANNTS, OH FIX TO VOR/DME (DXO) DETROIT. 28 APR 17:02 2017 UNTIL PERM. CREATED: 28 APR 17:02 2017

!FDC 7/6935 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL K, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR WILLOW AIRPORT (UUO) LOCATED AT N61 45.25' / W150 3.10'. 27 APR 21:05 2017 UNTIL PERM. CREATED: 27 APR 21:05 2017

!FDC 7/6933 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART H-4, PANEL I, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017, GOG DME GOODSPRINGS FREQ SHOULD BE 112.05. 27 APR 20:57 2017 UNTIL PERM. CREATED: 27 APR 20:57 2017

!FDC 7/6776 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-14, PANEL J, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APR 2017: ADD UNUSABLE ROUTE SEGMENT SYMBOL TO AIRWAY V63 BETWEEN WAUSAU (AUW) AND RHINELANDER (RHI) AND REMOVE UNUSABLE BEYOND 10NM NOTES FROM EACH AIRWAY SEGMENT END AS ENTIRE ROUTE SEGMENT IS UNUSABLE. 27 APR 18:37 2017 UNTIL PERM. CREATED: 27 APR 18:37 2017

!FDC 7/6165 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-1, E, EFFECTIVE 02 FEB 2017... EFFECTIVE DATE: 27 APR 2017 ADD G TO MEA 7000 ON T609 FROM RNAV WAYPOINT VIBGA TO RNAV WAYPOINT DASMU AND G TO MEA 7400 ON T609 FROM RNAV WAYPOINT DASMU TO RNAV WAYPOINT NOXAG. 27 APR 12:05 2017 UNTIL PERM. CREATED: 27 APR 12:05 2017

!FDC 7/6112 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-35, PANEL B, EFFECTIVE 02 FEB 2017... CHART SERIES EFFECTIVE 27 APR 2017 THE LABEL FOR TACAN BOGUE (NJM) IS MISSING THE FREQUENCY. THE FREQUENCY IS 134.0. THE CHANNEL SHOULD ALSO BE UNDERLINED BECAUSE SIMULATED VOICE IS UNAVAILABLE. 27 APR 11:26 2017 UNTIL PERM. CREATED: 27 APR 11:26 2017

!FDC 7/6076 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-1, C, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APR 2017 ADD DME 12 MAKEUP FROM NEWBURG/UBG VOR/DME TO FIX/NOONS ON BEARING 334 DEGREES. 27 APR 10:44 2017 UNTIL PERM. CREATED: 27 APR 10:45 2017

!FDC 7/6060 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW



## ForeFlight Briefing History

ALTITUDE CHART L-14, PANEL F, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APR 2017:  
CHANGE 018 RADIAL BEARING FROM DEERING (MIB) TACAN TO CONEI  
REPORTING POINT FROM 018 TO 021. 27 APR 10:13 2017 UNTIL PERM. CREATED: 27  
APR 10:13 2017

!FDC 7/6058 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW  
ALTITUDE CHART L-17, PANEL B, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APR  
2017: CHANGE INBOUND BEARING FROM NUGEN REPORTING POINT TO TOMHI  
(AB) LOM FROM 180 TO 174. 27 APR 10:09 2017 UNTIL PERM. CREATED: 27 APR 10:10  
2017

!FDC 7/2639 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH  
ALTITUDE CHART AKH2, PANEL J, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL  
2017 SYMBOL IS MISSING FOR WILDER/NATWICK LLC AIRPORT (AK51) LOCATED  
AT N60 11.92' / W154 19.48'. 19 APR 15:52 2017 UNTIL PERM. CREATED: 19 APR 15:53  
2017

!FDC 7/2638 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH  
ALTITUDE CHART AKH2, PANEL I, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL  
2017 SYMBOL IS MISSING FOR UNALASKA AIRPORT (DUT) LOCATED AT N53 53.94'  
/ W166 32.70'. 19 APR 15:52 2017 UNTIL PERM. CREATED: 19 APR 15:52 2017

!FDC 7/2637 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH  
ALTITUDE CHART AKH2, PANEL J, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL  
2017 SYMBOL IS MISSING FOR UGASHIK BAY AIRPORT (UGB) LOCATED AT N57  
25.52' / W157 44.39'. 19 APR 15:51 2017 UNTIL PERM. CREATED: 19 APR 15:51 2017

!FDC 7/2635 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH  
ALTITUDE CHART AKH2, PANEL K, EFFECTIVE 02 FEB 2017... CTIVE 27 APRIL 2017  
SYMBOL IS MISSING FOR TRADING BAY PRODUCTION AIRPORT (5AK0) LOCATED  
AT N60 48.93' / W151 47.94'. 19 APR 15:50 2017 UNTIL PERM. CREATED: 19 APR 15:50  
2017

!FDC 7/2634 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH  
ALTITUDE CHART AKH2, PANEL J, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL  
2017 SYMBOL IS MISSING FOR TOGIAK AIRPORT (TOG) LOCATED AT N59 3.21' /  
W160 23.81'. 19 APR 15:49 2017 UNTIL PERM. CREATED: 19 APR 15:49 2017

!FDC 7/2632 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH  
ALTITUDE CHART AKH2, PANEL J, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL  
2017 SYMBOL IS MISSING FOR ST MICHAEL AIRPORT (SMK) LOCATED AT N63  
29.40' / W162 6.62'. 19 APR 15:48 2017 UNTIL PERM. CREATED: 19 APR 15:48 2017

!FDC 7/2628 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH  
ALTITUDE CHART AKH2, PANEL J, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL  
2017 SYMBOL IS MISSING FOR ST MARYS AIRPORT (KSM) LOCATED AT N62 3.65' /

ForeFlight Briefing History

W163 18.11'. 19 APR 15:44 2017 UNTIL PERM. CREATED: 19 APR 15:44 2017

!FDC 7/2627 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL I, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR ST GEORGE AIRPORT (PBV) LOCATED AT N56 34.64' / W169 39.82'. 19 APR 15:43 2017 UNTIL PERM. CREATED: 19 APR 15:43 2017

!FDC 7/2626 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL J, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR SPARREVOHN LRRS AIRPORT (SVW) LOCATED AT N61 5.83' / W155 34.49'. 19 APR 15:42 2017 UNTIL PERM. CREATED: 19 APR 15:42 2017

!FDC 7/2625 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL J, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR SHAKTOOLIK AIRPORT (2C7) LOCATED AT N64 22.26' / W161 13.44'. 19 APR 15:41 2017 UNTIL PERM. CREATED: 19 APR 15:42 2017

!FDC 7/2624 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL K, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR SEWARD AIRPORT (SWD) LOCATED AT N60 7.80' / W149 25.01'. 19 APR 15:41 2017 UNTIL PERM. CREATED: 19 APR 15:41 2017

!FDC 7/2623 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL I, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR SAVOONGA AIRPORT (SVA) LOCATED AT N63 41.18' / W170 29.59'. 19 APR 15:40 2017 UNTIL PERM. CREATED: 19 APR 15:40 2017

!FDC 7/2622 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL J, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR RUBY AIRPORT (RBY) LOCATED AT N64 43.63' / W155 28.19'. 19 APR 15:39 2017 UNTIL PERM. CREATED: 19 APR 15:39 2017

!FDC 7/2621 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL J, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR RED DEVIL AIRPORT (RDV) LOCATED AT N61 47.28' / W157 21.01'. 19 APR 15:37 2017 UNTIL PERM. CREATED: 19 APR 15:38 2017

!FDC 7/2620 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL J, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR RANDY BRIGGS MEMORIAL FIELD AIRPORT (AK96) LOCATED AT N57 30.98' / W157 23.16'. 19 APR 15:35 2017 UNTIL PERM. CREATED: 19 APR 15:35 2017

!FDC 7/2619 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL K, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR RALPH M CALHOUN MEMORIAL AIRPORT (TAL)

ForeFlight Briefing History

LOCATED AT N65 10.46' / W152 6.49'. 19 APR 15:34 2017 UNTIL PERM. CREATED: 19 APR 15:34 2017

!FDC 7/2618 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL J, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR QUINHAGAK AIRPORT (AQH) LOCATED AT N59 45.31' / W161 50.72'. 19 APR 15:33 2017 UNTIL PERM. CREATED: 19 APR 15:33 2017

!FDC 7/2615 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL J, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR PORT HEIDEN AIRPORT (PTH) LOCATED AT N56 57.55' / W158 38.00'. 19 APR 15:32 2017 UNTIL PERM. CREATED: 19 APR 15:32 2017

!FDC 7/2614 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL J, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR PLATINUM AIRPORT (PTU) LOCATED AT N59 1.07' / W161 49.63'. 19 APR 15:31 2017 UNTIL PERM. CREATED: 19 APR 15:31 2017

!FDC 7/2613 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL J, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR NULATO AIRPORT (NUL) LOCATED AT N64 43.76' / W158 4.45'. 19 APR 15:30 2017 UNTIL PERM. CREATED: 19 APR 15:30 2017

!FDC 7/2612 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL J, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR NIXON FORK MINE AIRPORT (AK40) LOCATED AT N63 13.75' / W154 45.62'. 19 APR 15:29 2017 UNTIL PERM. CREATED: 19 APR 15:29 2017

!FDC 7/2611 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL K, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR NIKOLAI CREEK AIRPORT (9AK3) LOCATED AT N61 0.83' / W151 26.93'. 19 APR 15:28 2017 UNTIL PERM. CREATED: 19 APR 15:28 2017

!FDC 7/2601 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL K, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR NIKOLAI AIRPORT (FSP) LOCATED AT N63 1.11' / W154 21.51'. 19 APR 15:26 2017 UNTIL PERM. CREATED: 19 APR 15:26 2017

!FDC 7/2600 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL K, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR NENANA MUNICIPAL AIRPORT (ENN) LOCATED AT N64 32.84' / W149 4.44'. 19 APR 15:25 2017 UNTIL PERM. CREATED: 19 APR 15:25 2017

!FDC 7/2599 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL J, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR NELSON LAGOON AIRPORT (OUL) LOCATED AT N56

## ForeFlight Briefing History

0.45' / W161 9.62'. 19 APR 15:24 2017 UNTIL PERM. CREATED: 19 APR 15:24 2017

!FDC 7/2598 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL K, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR MINCHUMINA AIRPORT (MHM) LOCATED AT N63 53.16' / W152 18.11'. 19 APR 15:21 2017 UNTIL PERM. CREATED: 19 APR 15:21 2017

!FDC 7/2584 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL K, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR MERRILL FIELD AIRPORT (MRI) LOCATED AT N61 12.81' / W149 50.68'. 19 APR 15:19 2017 UNTIL PERM. CREATED: 19 APR 15:19 2017

!FDC 7/2580 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL K, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR MCGAHAN INDUSTRIAL AIRPARK AIRPORT (AK73) LOCATED AT N60 43.52' / W151 18.13'. 19 APR 15:18 2017 UNTIL PERM. CREATED: 19 APR 15:18 2017

!FDC 7/2578 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL J, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR KULIK LAKE AIRPORT (LKK) LOCATED AT N58 57.90' / W155 5.74'. 19 APR 15:17 2017 UNTIL PERM. CREATED: 19 APR 15:17 2017

!FDC 7/2574 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL J, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR KOYUKUK AIRPORT (KYU) LOCATED AT N64 52.55' / W157 43.83'. 19 APR 15:15 2017 UNTIL PERM. CREATED: 19 APR 15:15 2017

!FDC 7/2570 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL J, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR KOTLIK AIRPORT (2A9) LOCATED AT N63 1.83' / W163 31.96'. 19 APR 15:13 2017 UNTIL PERM. CREATED: 19 APR 15:14 2017

!FDC 7/2568 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL J, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR KALAKAKET CREEK AS AIRPORT (1KC) LOCATED AT N64 25.47' / W156 50.60'. 19 APR 15:12 2017 UNTIL PERM. CREATED: 19 APR 15:12 2017

!FDC 7/2566 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL J, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR HOLY CROSS AIRPORT (HCA) LOCATED AT N62 11.30' / W159 46.50'. 19 APR 15:07 2017 UNTIL PERM. CREATED: 19 APR 15:09 2017

!FDC 7/2565 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL J, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL

## ForeFlight Briefing History

2017 SYMBOL IS MISSING FOR GRAYLING AIRPORT (KGX) LOCATED AT N62 53.53' / W160 3.98'. 19 APR 15:04 2017 UNTIL PERM. CREATED: 19 APR 15:04 2017

!FDC 7/2564 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL J, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR GOLOVIN AIRPORT (GLV) LOCATED AT N64 33.03' / W163 0.43'. 19 APR 15:02 2017 UNTIL PERM. CREATED: 19 APR 15:02 2017

!FDC 7/2562 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL J, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR FORT JENSEN AIRPORT (AK60) LOCATED AT N57 53.11' / W157 5.81'. 19 APR 14:55 2017 UNTIL PERM. CREATED: 19 APR 14:56 2017

!FDC 7/2561 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL J, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR FLAT AIRPORT (FLT) LOCATED AT N62 27.16' / W157 59.34'. 19 APR 14:54 2017 UNTIL PERM. CREATED: 19 APR 14:54 2017

!FDC 7/2559 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL K, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR FAREWELL AIRPORT (0AA4) LOCATED AT N62 30.55' / W153 53.42'. 19 APR 14:52 2017 UNTIL PERM. CREATED: 19 APR 14:52 2017

!FDC 7/2558 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL J, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR EMMONAK AIRPORT (ENM) LOCATED AT N62 47.17' / W164 29.44'. 19 APR 14:51 2017 UNTIL PERM. CREATED: 19 APR 14:51 2017

!FDC 7/2552 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL J, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR EGEGIK AIRPORT (EII) LOCATED AT N58 11.13' / W157 22.53'. 19 APR 14:48 2017 UNTIL PERM. CREATED: 19 APR 14:48 2017

!FDC 7/2542 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL K, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR DRIFT RIVER AIRPORT (3AK5) LOCATED AT N60 35.33' / W152 9.72'. 19 APR 14:45 2017 UNTIL PERM. CREATED: 19 APR 14:45 2017

!FDC 7/2539 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL J, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR DONLIN CREEK AIRPORT (01AA) LOCATED AT N62 1.95' / W158 14.18'. 19 APR 14:37 2017 UNTIL PERM. CREATED: 19 APR 14:37 2017

!FDC 7/2538 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL K, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR DENALI AIRPORT (AK06) LOCATED AT N63 38.71' /

ForeFlight Briefing History

W148 47.89'. 19 APR 14:36 2017 UNTIL PERM. CREATED: 19 APR 14:36 2017

!FDC 7/2537 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL K, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR CHENA MARINA AIRPORT (AK28) LOCATED AT N64 48.84' / W147 55.11'. 19 APR 14:35 2017 UNTIL PERM. CREATED: 19 APR 14:35 2017

!FDC 7/2536 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL K, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR CAMPBELL AIRSTRIPE AIRPORT (CSR) LOCATED AT N61 9.52' / W149 46.84'. 19 APR 14:33 2017 UNTIL PERM. CREATED: 19 APR 14:34 2017

!FDC 7/2535 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL K, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR BRYANT AAF AIRPORT (FRN) LOCATED AT N61 15.95' / W149 39.20'. 19 APR 14:33 2017 UNTIL PERM. CREATED: 19 APR 14:33 2017

!FDC 7/2532 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL K, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR BIRCHWOOD AIRPORT (BCV) LOCATED AT N61 24.96' / W149 30.54'. 19 APR 14:31 2017 UNTIL PERM. CREATED: 19 APR 14:32 2017

!FDC 7/2527 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL J, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR BIG MOUNTAIN AIRPORT (37AK) LOCATED AT N59 21.67' / W155 15.53'. 19 APR 14:30 2017 UNTIL PERM. CREATED: 19 APR 14:30 2017

!FDC 7/2525 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL K, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR BELUGA AIRPORT (BLG) LOCATED AT N61 10.38' / W151 2.72'. 19 APR 14:28 2017 UNTIL PERM. CREATED: 19 APR 14:28 2017

!FDC 7/2518 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL J, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR ANVIK AIRPORT (ANV) LOCATED AT N62 38.84' / W160 11.40'. 19 APR 14:26 2017 UNTIL PERM. CREATED: 19 APR 14:26 2017

!FDC 7/2514 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL J, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR AKUTAN AIRPORT (AUK) LOCATED AT N62 40.98' / W164 43.33'. 19 APR 14:25 2017 UNTIL PERM. CREATED: 19 APR 14:25 2017

!FDC 7/2510 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL I, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR AKUTAN AIRPORT (7AK) LOCATED AT N54 8.68' / W165 36.25'. 19 APR 14:23 2017 UNTIL PERM. CREATED: 19 APR 14:23 2017

## ForeFlight Briefing History

!FDC 7/2504 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL I, EFFECTIVE 02 FEB 2017... EFFECTIVE 27 APRIL 2017 SYMBOL IS MISSING FOR ATKA AIRPORT (AKA) LOCATED AT N52 13.23' / W174 12.37'. 19 APR 14:20 2017 UNTIL PERM. CREATED: 19 APR 14:20 2017

!FDC 7/2475 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-9, PANEL D, EFFECTIVE 02 FEB 2017... EFFECTIVE APRIL 27 2017 ADD NON-DME MAKEUP ARROW FROM GRAND JUNCTION VOR/DME (JNC) TO RENAE N40 25.23-W108 54.62. 19 APR 13:55 2017 UNTIL PERM. CREATED: 19 APR 13:56 2017

!FDC 7/0620 FDC CHART CORRECT U.S. GOVERNMENT VFR NEW ORLEANS TERMINAL AREA CHART (TAC)/FLYWAY, 85TH EDITION, EFFECTIVE 25 MAY 2017... ADD OBSTACLE SYMBOL AT 29 46 55N, 091 09 58W. ADD OBSTACLE SYMBOL AT 30 16 35N, 090 23 55W. ADD OBSTACLE SYMBOL AT 30 32 32N, 090 08 32W. 04 MAY 19:56 2017 UNTIL PERM. CREATED: 04 MAY 19:57 2017

!FDC 4/4386 FDC SPECIAL NOTICE... NATIONAL AIRSPACE SYSTEM INTERCEPT PROCEDURES. AVIATORS SHALL REVIEW THE FEDERAL AVIATION ADMINISTRATION AERONAUTICAL INFORMATION MANUAL (AIM) FOR INTERCEPTION PROCEDURES, CHAPTER 5, SECTION 6, PARAGRAPH 5-6-2. ALL AIRCRAFT OPERATING IN UNITED STATES NATIONAL AIRSPACE, IF CAPABLE, SHALL MAINTAIN A LISTENING WATCH ON VHF GUARD 121.5 OR UHF 243.0. IF AN AIRCRAFT IS INTERCEPTED BY U.S. MILITARY AIRCRAFT AND FLARES ARE DISPENSED, THE FOLLOWING PROCEDURES ARE TO BE FOLLOWED: FOLLOW THE INTERCEPT'S VISUAL SIGNALS, CONTACT AIR TRAFFIC CONTROL IMMEDIATELY ON THE LOCAL FREQUENCY OR ON VHF GUARD 121.5 OR UHF GUARD 243.0, AND COMPLY WITH THE INSTRUCTIONS GIVEN BY THE INTERCEPTING AIRCRAFT INCLUDING VISUAL SIGNALS IF UNABLE RADIO CONTACT. BE ADVISED THAT NONCOMPLIANCE MAY RESULT IN THE USE OF FORCE. WIE UNTIL UFN. CREATED: 19 MAY 14:12 2004

\*\*\*\*\* All FDC NOTAMs \*\*\*\*\*

All published NOTAMs are available in the Notices to Airmen Publication ([http://www.faa.gov/air\\_traffic/publications/notices/](http://www.faa.gov/air_traffic/publications/notices/)).

!FDC 7/1151 KVRB IAP VERO BEACH MUNI, Vero Beach, FL. VOR RWY 12R, AMDT 14C... PROCEDURE NA. 17 APR 14:06 2017 UNTIL 27 NOV 14:06 2017 ESTIMATED. CREATED: 17 APR 14:06 2017

!FDC 7/0613 KX21 IAP ARTHUR DUNN AIR PARK, Titusville, FL. RNAV (GPS) RWY 15, ORIG-B... RNAV (GPS) RWY 33, ORIG-B... LNAV MDA NA. 04 MAY 19:41 2017 UNTIL 14 DEC 19:41 2017 ESTIMATED. CREATED: 04 MAY 19:41 2017

ForeFlight Briefing History

!FDC 7/8736 7LS1 SPECIAL PHI VENICE HELIPORT, VENICE, LA. COPTER GPS 326, ORIG ... COPTER GPS 146, ORIG ... IFR DEPARTURE NA. 12 APR 11:59 2017 UNTIL 22 NOV 11:59 2017 ESTIMATED. CREATED: 12 APR 11:59 2017

!FDC 7/0977 9LA3 SPECIAL , LEEVILLE, LA. COPTER RNAV (GPS) 180, AMDT 1... COPTER RNAV (GPS) 274, AMDT 1... PROCEDURE NA. IFR DEPARTURE NA. 17 APR 12:18 2017 UNTIL 27 NOV 12:18 2017 ESTIMATED. CREATED: 17 APR 12:18 2017

!FDC 7/3444 ME73 SPECIAL SWANS ISLAND, ME. COPTER RNAV (GPS)272 DEPARTURE (PILOT NAV)... PROCEDURE NA. 10 MAR 17:00 2017 UNTIL 20 OCT 17:00 2017. CREATED: 10 MAR 16:36 2017

!FDC 7/9963 ME97 IAP ST ANDREWS HOSPITAL HELIPORT, BOOTHBAY, ME. COPTER RNAV (GPS) 320, ORIG... PROCEDURE NA. 13 APR 17:13 2017 UNTIL 23 NOV 17:13 2017 ESTIMATED. CREATED: 13 APR 17:13 2017

!FDC 7/9006 ME97 IAP ST ANDREWS HOSPITAL HELIPORT, BOOTHBAY, ME. COPTER RNAV (GPS) 320, ORIG... PROCEDURE NA. 12 APR 14:30 2017 UNTIL 22 NOV 14:30 2017 ESTIMATED. CREATED: 12 APR 14:30 2017

!FDC 7/4487 ME99 IAP PENETIC SCHOOL HELIPORT, SOUTHWEST HARBOR, ME. COPTER RNAV (GPS) 355, ORIG... PROCEDURE NA. 24 APR 14:42 2017 UNTIL 04 DEC 14:42 2017 ESTIMATED. CREATED: 24 APR 14:42 2017

!FDC 7/1446 ME99 IAP PENETIC SCHOOL HELIPORT, SOUTHWEST HARBOR, ME. COPTER RNAV (GPS) 355, ORIG... PROCEDURE NA. 17 APR 18:07 2017 UNTIL 27 NOV 18:07 2017 ESTIMATED. CREATED: 17 APR 18:08 2017

!FDC 6/1032 ME99 IAP PENETIC SCHOOL HELIPORT, SOUTHWEST HARBOR, ME. COPTER RNAV (GPS) 355, ORIG... PROCEDURE NA. 13 DEC 16:19 2016 UNTIL 25 JUL 16:19 2017 ESTIMATED. CREATED: 13 DEC 16:20 2016

\*\*\*\*\* All General FDC NOTAMs \*\*\*\*\*

All published NOTAMs are available in the Notices to Airmen Publication ([http://www.faa.gov/air\\_traffic/publications/notices/](http://www.faa.gov/air_traffic/publications/notices/)).

!FDC 7/9835 KZJX SC..ROUTE ZJX ZTL. J47 COLUMBIA (CAE) VORTAC, SC TO SPARTANBURG (SPA) VORTAC, SC NA. 13 APR 15:17 2017 UNTIL 23 NOV 15:17 2017 ESTIMATED. CREATED: 13 APR 15:17 2017

!FDC 7/9178 KZJX GA..ROUTE ZJX. V159 PECAN (PZD) VORTAC, GA TO SAWES, GA NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 12 APR 15:59 2017 UNTIL 22 NOV 15:59 2017 ESTIMATED. CREATED: 12 APR 16:00 2017

!FDC 7/8931 KZJX SC..ROUTE ZJX ZDC. V213, V70 GRAND STRAND (CRE) VORTAC,



# ForeFlight Briefing History

SC TO WILMINGTON (ILM) VORTAC, NC NA. 12 APR 13:21 2017 UNTIL 22 NOV 13:21 2017 ESTIMATED. CREATED: 12 APR 13:21 2017

!FDC 7/8922 KZJX SC..ROUTE ZJX ZDC. V1 INLET, SC TO WALLO, NC NA. 12 APR 13:16 2017 UNTIL 22 NOV 13:16 2017 ESTIMATED. CREATED: 12 APR 13:16 2017

!FDC 7/8916 KZJX SC..ROUTE ZJX. V259 GRAND STRAND (CRE) VORTAC, SC TO COP NA. 12 APR 13:13 2017 UNTIL 22 NOV 13:13 2017 ESTIMATED. CREATED: 12 APR 13:13 2017

!FDC 7/8906 KZJX SC..ROUTE ZJX. V136 COP TO GRAND STRAND (CRE) VORTAC, SC NA. 12 APR 13:07 2017 UNTIL 22 NOV 13:07 2017 ESTIMATED. CREATED: 12 APR 13:07 2017

!FDC 7/7356 KZJX FL..ROUTE ZJX ZMA. V97 ST PETERSBURG (PIE) VORTAC, FL TO DARBS INT, FL MEA 2000 SE, 8000 NW DARBS MCA 7000 NW. V97 DARBS INT, FL TO COP MEA 8000. V97 COP TO CLAMP INT, FL MEA 8000. V97 CLAMP INT, FL TO HEVVN INT, FL MEA 8000 SE, 6000 NW. V97 HEVVN INT, FL TO ADDAX INT, FL MEA 8000 SE, 3000 NW. V97 ADDAX INT, FL TO SEMINOLE (SZW) VORTAC, FL MEA 8000 SE, 2000 NW. PIE VORTAC FLIGHT CHECK RESTRICTION. 28 APR 19:50 2017 UNTIL 08 DEC 19:48 2017 ESTIMATED. CREATED: 28 APR 19:50 2017

!FDC 7/4055 KZJX GA..ROUTE ZJX. V417 ALLENDALE (ALD) VOR, SC R-097 TO CHARLESTON (CHS) VORTAC, SC R-282 CHANGE OVER POINT STOAS. 11 MAY 17:27 2017 UNTIL 21 DEC 17:18 2017 ESTIMATED. CREATED: 11 MAY 17:27 2017

!FDC 7/0044 KZJX FL..ROUTE ZJX. V441 NITTS, FL MCA 4000 SOUTHBOUND. 04 MAY 12:16 2017 UNTIL 14 DEC 12:16 2017 ESTIMATED. CREATED: 04 MAY 12:16 2017

!FDC 7/0038 KZJX FL..ROUTE ZJX. V579 NITTS, FL MCA 4000 SOUTHBOUND. 04 MAY 12:13 2017 UNTIL 14 DEC 12:13 2017 ESTIMATED. CREATED: 04 MAY 12:13 2017

!FDC 4/5111 KZJX FL..SPECIAL NOTICE..DEPARTURES FROM ORLANDO TERMINAL AIRSPACE WITH ROUTES THROUGH MIAMI CENTER MUST ADDRESS THEIR FLIGHT PLANS TO JACKSONVILLE CENTER ONLY. FPL MESSAGES SHOULD NOT BE ADDRESSED TO MIAMI CENTER. 29 OCT 17:53 2014 UNTIL PERM. CREATED: 29 OCT 18:01 2014

!FDC 7/7358 KZMA FL..ROUTE ZMA ZJX. V97 ST PETERSBURG (PIE) VORTAC, FL TO DARBS INT, FL MEA 2000 SE, 8000 NW DARBS MCA 7000 NW. V97 DARBS INT, FL TO COP MEA 8000. V97 COP TO CLAMP INT, FL MEA 8000. V97 CLAMP INT, FL TO HEVVN INT, FL MEA 8000 SE, 6000 NW. V97 HEVVN INT, FL TO ADDAX INT, FL MEA 8000 SE, 3000 NW. V97 ADDAX INT, FL TO SEMINOLE (SZW) VORTAC, FL MEA 8000 SE, 2000 NW. PIE VORTAC FLIGHT CHECK RESTRICTION. 28 APR 19:51 2017 UNTIL 08 DEC 19:50 2017 ESTIMATED. CREATED: 28 APR 19:51 2017

## ForeFlight Briefing History

!FDC 7/0024 KZMA FL..ROUTE ZMA. V492, V97 LA BELLE (LBV) VORTAC, FL TO ST PETERSBURG (PIE) VORTAC, FL MEA 5000 GNSS 2000. 04 MAY 12:11 2017 UNTIL 14 DEC 12:10 2017 ESTIMATED. CREATED: 04 MAY 12:11 2017

!FDC 4/5104 KZMA FL..SPECIAL NOTICE..DEPARTURES FROM ORLANDO TERMINAL AIRSPACE WITH ROUTES THROUGH MIAMI CENTER MUST ADDRESS THEIR FLIGHT PLANS TO JACKSONVILLE CENTER ONLY. FPL MESSAGES SHOULD NOT BE ADDRESSED TO MIAMI CENTER. 29 OCT 17:40 2014 UNTIL PERM. CREATED: 29 OCT 17:50 2014

\*\*\*\*\* All International NOTAMs \*\*\*\*\*

All published NOTAMs are available in the Notices to Airmen Publication ([http://www.faa.gov/air\\_traffic/publications/notices/](http://www.faa.gov/air_traffic/publications/notices/)).

MBGT 17/A0017 Salt Cay (MBSY) 20170123193800 20170623230000 Airmen are advise aircraft parking apron IS closed at MBSY; DEPLANE and ENPLANE on the runway 23 January 19:38 2017 until 23 June 23:00 2017. Created: 23 January 19:48 2017

MBGT 12/A0021 Salt Cay (MBSY) 20120309204300 PERM Airmen are advised to exercise caution when operating into Salt Cay, due to the possibility of gravel on runway,taxiway and apron. 09 March 20:43 2012 until further notice. Created: 09 March 14:45 2012

MBGT 17/A0052 Grand Turk/Jags McCartney International (MBGT) 20170502201100 20171031230000 Airmen are reminder of the migratory bird season IN the Turks and Caicos Islands, May to October. During the season large flocks of seagulls maybe encountered at the aerodrome. Extreme caution IS advised. 02 May 20:11 2017 until 31 October 23:00 2017. Created: 02 May 20:43 2017

MBGT 13/A0025 Grand Turk/Jags McCartney International (MBGT) 20130425171000 PERM QXXXX airmen are advised that obstacle light on NDB (21 26 13.77 N / 071 08 45.43 W ) IS out of service until further notice. Effective immediately until further notice. Created: 25 April 17:10 2013

MBGT 12/A0096 Grand Turk/Jags McCartney International (MBGT) 20121211162800 PERM QNMXX airmen are advised that the following instrument flight procedures off the MBGT VOR DME 114.2 GTK are not authorized, until further advised: 1. VOR X runway 11 2. VOR Y runway 11 3. VOR Z runway 11. Effective immediately until further notice. Created: 11 December 16:28 2012

MBGT 12/A0039 Grand Turk/Jags McCartney International (MBGT) 20120330161200 PERM QXXXX taxiway alpha (A) and the north apron are not authorized for public transport use at night. Effective immediately until further notice. Created: 30 March 16:12 2012

MBGT 11/A0157 Grand Turk/Jags McCartney International (MBGT) 20110915194400 PERM QMTXX airmen are advised that the grand Turk aerodrome elevation, revised IN the latest

## ForeFlight Briefing History

WGS84 survey as follows: runway 29 threshold IS 9 feet runway 11 threshold IS 11 feet will be incorporated on all grand Turk aerodrome charts, IN the next amendment cycle. Effective immediately until further notice. Created: 15 September 19:44 2011

MBGT 10/A0008 Grand Turk/Jags McCartney International (MBGT) 20100201194400 PERM QXXXX airmen are advised until further notice, surface wind direction and speed issued at grand Turk aerodrome will be instant value. Effective immediately until further notice. Created: 01 February 19:44 2010

MBGT 17/A0053 South Caicos International (MBSC) 20170502201200 20171031230000 Airmen are reminder of the migratory bird season IN the Turks and Caicos Islands, May to October. During the season large flocks of seagulls maybe encountered at the aerodrome. Extreme caution IS advised. 02 May 20:12 2017 until 31 October 23:00 2017. Created: 02 May 20:43 2017

MBGT 17/A0050 South Caicos International (MBSC) 20170427132800 20170601230000 Airmen are advised that due to runway REDEVELOPMENT works at south Caicos aerodrome, the published straight-IN approach procedures for the area navigation (RNAV) GNSS approach runway 11/29 IS disallowed. The associated published circling approach procedures IS available. 27 April 13:28 2017 until 01 June 23:00 2017. Created: 27 April 13:30 2017

MBGT 17/A0049 South Caicos International (MBSC) 20170427132700 20170601230000 Airmen are advised that south Caicos air /ground communication service on frequency 118.9 Megahertz. All arriving aircraft shall cross overhead the runway to join A standard left hand circuit to land whilst broad-casting its position on 118.9 Megahertz as PER accepted airmanship practices. All departing aircraft shall obtain an Air Traffic Control clearance from PROVIDENCIALES approach via south Caicos radio prior to entering the runway for takeoff. Departing aircraft shall broadcast their intentions prior to taxiing and shall contact PROVIDENCIALES approach immediately after takeoff. South Caicos radio shall provide aerodrome information and traffic information to all aircraft. 27 April 13:27 2017 until 01 June 23:00 2017. Created: 27 April 13:27 2017

MBGT 17/A0048 South Caicos International (MBSC) 20170427132600 20170601230000 Airmen are advised that due to the runway pavement repair works at the south Caicos aerodrome, runway has been RE-classified as code 2B visual. No turbojet aircraft IS allowed. 27 April 13:26 2017 until 01 June 23:00 2017. Created: 27 April 13:27 2017

MBGT 17/A0047 South Caicos International (MBSC) 20170427132600 20170601230000 Airmen are advised that due to runway pavement works at south Caicos aerodrome, runway 29 threshold will be temporarily displaced by 3,437 feet/1047 meters inward. 27 April 13:26 2017 until 01 June 23:00 2017. Created: 27 April 13:27 2017

MBGT 17/A0046 South Caicos International (MBSC) 20170427132500 20170601230000 Airmen are advised that due to runway pavement repair works at south Caicos aerodrome, runway 11/29 precision approach path indicator unserviceable. 27 April 13:25 2017 until 01 June 23:00 2017. Created: 27 April 13:27 2017

## ForeFlight Briefing History

MBGT 17/A0045 South Caicos International (MBSC) 20170427132500 20170601230000  
Airmen are advised that due to runway pavement repair works at south Caicos aerodrome, runway 29 first 3,437 feet/1047M closed. The following declared distance available. Takeoff run available takeoff distance available landing distance available runway 11 2,900 feet/884M 2,900 feet/884M 2,900 feet/884M runway 29 2,900 feet/884M 2,900 feet/884M 2,900 feet/884M. 27 April 13:25 2017 until 01 June 23:00 2017. Created: 27 April 13:26 2017

MBGT 17/A0044 South Caicos International (MBSC) 20170427132400 20170601230000  
Airmen are advised that due to runway pavement works at south Caicos aerodrome runway 11 threshold will be permanently displaced by 328 feet/100M outward. 27 April 13:24 2017 until 01 June 23:00 2017. Created: 27 April 13:25 2017

MBGT 17/A0043 South Caicos International (MBSC) 20170406200500 20170601230000  
Airmen are advised due to the ongoing airside rehabilitation work, aircraft parking space IS very limited. Private aircraft operators are advised to confirm availability before planning flight. Contact: 1.649.232.1415 And/OR email: FLOYDINGHAM@TCIAIRPORTS.Communication. 06 April 20:05 2017 until 01 June 23:00 2017. Created: 06 April 20:08 2017

MBGT 14/A0045 South Caicos International (MBSC) 20140410165500 PERM QFFXX airmen are advised that RFFS at south Caicos Canada be upgraded from A category 3 to A category 4 with 24 hour notification. Effective immediately until further notice. Created: 10 April 16:55 2014

MBGT 12/A0091 South Caicos International (MBSC) 20121119144300 PERM QFAXX south Caicos aerodrome operating hours 1200Z to 2130Z daily. 1200Z to 2130Z, effective immediately until further notice. Created: 19 November 14:43 2012

MBGT 12/A0070 South Caicos International (MBSC) 20120911200700 PERM QFFXX airport rescue and fire fighting (ARFF) IS category 3 will be incorporated IN the Aeronautical Information Publication IN due course. Effective immediately until further notice. Created: 11 September 20:07 2012

MBGT 11/A0021 South Caicos International (MBSC) 20110202202400 PERM QXXXX airmen are advised that south Caicos aerodrome will provide air/ground communication service on frequency 118.9 Megahertz. Effective immediately until further notice. Created: 02 February 20:24 2011

MBGT 10/A0054 South Caicos International (MBSC) 20100705155900 PERM QXXXX airmen are advised until further notice, surface wind direction and speed issued at south Caicos aerodrome will be instant value. Effective immediately until further notice. Effective immediately until further notice. Created: 05 July 15:59 2010

MBGT 17/A0060 North Caicos International (MBNC) 20170511151800 20170811230000  
Airmen are advised negative RFFS at north Caicos until further notice. 11 May 15:18 2017 until 11 August 23:00 2017. Created: 11 May 15:22 2017

## ForeFlight Briefing History

MBGT 17/A0020 North Caicos International (MBNC) 20170208154100 20171223230000  
Airmen are advised until further notice, surface wind direction and speed issued at north Caicos aerodrome will be instant value. 08 February 15:41 2017 until 23 December 23:00 2017.  
Created: 08 February 15:46 2017

MBGT 17/A0019 North Caicos International (MBNC) 20170208143400 20171228230000  
Airmen are advised domestic aircrafts operating into north Caicos are required to file A flight plan at least 1 hour prior to operation for both IFR and VFR flights. 08 February 14:34 2017 until 28 December 23:00 2017. Created: 08 February 14:43 2017

MBGT 10/A0149 North Caicos International (MBNC) 20101203180700 PERM QXXXX air ground lighting available for emergency flight at night on runway 08 from threshold UP to 910M only. Effective immediately until further notice. Created: 03 December 18:07 2010

MYNN 17/A0074 San Salvador International (MYSM) 20170403190000 20170731235900 ZSJ NDB 281KHZ unserviceable. 03 April 19:00 2017 until 31 July 23:59 2017. Created: 03 April 18:54 2017

MYNN 17/A0067 San Salvador International (MYSM) 20170403190000 20170731235900  
Negative aviation gasoline fuel available. 03 April 19:00 2017 until 31 July 23:59 2017. Created: 03 April 18:53 2017

MYNN 17/A0076 Arthurs Town (MYCA) 20170403190000 20170731235900 Men and equipment on shoulders of runway 14/32 sunrise to sunset airmen are advise to exercise caution and overfly runway before landing. Daily sunrise to sunset, 03 April 19:00 2017 until 31 July 23:59 2017. Created: 03 April 18:54 2017

MYNN 17/A0073 Governors Harbour (MYEM) 20170403190000 20170731235900 Negative jet-A OR aviation gasoline available. 03 April 19:00 2017 until 31 July 23:59 2017. Created: 03 April 18:54 2017

MYNN 17/A0068 Governors Harbour (MYEM) 20170403190000 20170731235900 Airmen are advise automatic weather observing reporting system unserviceable wind speed wind direction and altimeter only available on automatic weather observing reporting system frequency 118.2MHZ via back UP system. 03 April 19:00 2017 until 31 July 23:59 2017. Created: 03 April 18:53 2017

MYNN 17/A0070 Grand Bahama International (MYGF) 20170403190000 20170731235900  
Airmen are advise MYGF automatic weather observing reporting system frequency 119.27MHZ unserviceable. 03 April 19:00 2017 until 31 July 23:59 2017. Created: 03 April 18:53 2017

MYNN 17/A0066 Grand Bahama International (MYGF) 20170403163500 20170531200000  
Airmen are advise MYGF ILS runway 06 unserviceable. 03 April 16:35 2017 until 31 May 20:00 2017. Created: 03 April 16:35 2017

## ForeFlight Briefing History

MYNN 17/A0023 Grand Bahama International (MYGF) 20170209211000 20170531200000  
Precision approach path indicator lights runway 06/24 unserviceable. 09 February 21:10 2017  
until 31 May 20:00 2017. Created: 09 February 21:11 2017

MYNN 17/A0022 Grand Bahama International (MYGF) 20170209210300 20170531200000  
ZFP VOR 113.2MHZ DME CH79 unserviceable. 09 February 21:03 2017 until 31 May 20:00  
2017. Created: 09 February 21:04 2017

TJZS 17/A0003 TJZS 20170420150600 PERM DEPLOYMENT of high altitude  
TRANPONDER equipped unmanned free BALLONS WI San Juan CENTER'S airspace.  
DEPLOYMENT location IS runway visual range (181445.60N653813.20W) OR the SJU 132  
radial at 23.4 Nautical miles. Surface - flight level 600, daily 1900-1400, 20 April 15:06 2017  
until permanent. Created: 20 April 16:11 2017

TJZS 16/A0027 TJZS 20161031142000 PERM The following preferred routes must be filed by  
aircraft dispatcher for all aircraft operating within the San Juan CTA/ as follows: TNCM/TQPF--  
----- northeast U.S./Canada destination  
TNCM/TQPF via: L461-OPAU.L461.PJM..TNCM/TQPF(CLOSED December 15-January 8  
1500Z-2300Z) L459-KEEKA.L459.ODUCA..SLUGO.A638.PJM..TNCM/TQPF TNCM/TQPF  
departures to northeast U.S./Canada via: L461-TRNKY.L461.OPAU..See New York Center  
(ZNY) NOTAMS and route structure B520-JUICE.B520.LARPP..Thank.L456.HANCY..See  
New York Center (ZNY) NOTAMS and route structure B520-  
JUICE.B520.LARPP..LENNT.L455.KINCH see New York Center (ZNY) NOTAMS and route  
structure east/southeast United States destination TNCM/TQPF via: G431-  
ELMUC..SLUGO.A638.PJM..TNCM/TQPF L451-ELMUC..SLUGO.A638.PJM..TNCM/TQPF  
L455-KINCH.L455.LENNT..SLUGO.A638.PJM..TNCM/TQPF L456-  
HANCY.L456.Thank..SLUGO.A638.PJM..TNCM/TQPF TNCM/TQPF departures to  
east/southeast United States via: B520-JUICE.B520.STT..SJU..ELMUC..See NOTAM  
A0023/16 B520-JUICE.B520.STT.SJU..SAPPO.R507..See Miami Center (ZMA) NOTAMS and  
route SRTUCTURE B520-JUICE.B520.BQN.L452/R763..See Miami Center (ZMA) NOTAMS  
and route SRTUCTURE 31 October 14:20 2016 until permanent. Created: 31 October 14:18  
2016

TJZS 16/A0026 TJZS 20161031142000 PERM Tapa----- northeast  
U.S./Canada destination tapa via: L462-DAWIN.L462.ANU..Tapa tapa departures to northeast  
U.S./Canada via: L462-LAMKN.L462.DAWIN.. See New York Center (ZNY) NOTAMS and  
route structure B520-ELOPO.B520.PJM.L461.OPAU.. See New York Center (ZNY)  
NOTAMS and route structure northeast U.S./Canada overflight traffic with destinations  
southeast of ST.Maarten via: L462-DAWIN.L462.ANU...(HOLIDAY route December 15-JAN8  
1500Z-2300Z) east/southeast United States destination tapa via: G431/L451-  
ELMUC.L451.ANU..Tapa tapa departures to east/southeast United States via: G633-  
GABAR.G633.COY..SJU..ELMUC..See NOTAM A0023/16 G633-  
GABAR.G633.COY..SJU..SAPPO.R507..See Miami Center (ZMA) NOTAMS and route  
structure. 31 October 14:20 2016 until permanent. Created: 31 October 14:18 2016

TJZS 16/A0025 TJZS 20161031142000 PERM The following preferred routes must be filed by

## ForeFlight Briefing History

aircraft dispatcher for all aircraft operating within the San Juan CTA/Flight Information Region as follows: arrivals to TIST/TISX northeast U.S./Canada destination TIST/TISX via: L459-KEEKA.L459.ODUCA..JETSS..TIST L459-KEEKA.L459.ODUCA.L461.STT..TISX TIST/TISX departures to northeast U.S./Canada via: L459-STT.L460.ODUCA.L459.KEEKA..See New York Center (ZNY) NOTAMS and route structure L458-STT.MAWLY..CHEDR.L458.. See New York Center (ZNY) NOTAMS and route structure L456-STT..VORCE.CRUPE..PRCHA.L456.. See New York Center (ZNY) NOTAMS and route structure. Also southeast NOTAM A0023/16 L455-STT..MAWLY.FERNA.Macor.L455.. See New York Center (ZNY) NOTAMS and route structure east/southeast United States destination TIST/TISX via: L458-CHEDR.L458.Thank..JETSS..TIST/TISX L456-HANCY.L456.Thank..JETSS..TIST/TISX L455-KINCH.L455.LENNT..JETSS..TIST/TISX L454/L451/G431-ELMUC..JETSS..TIST/TISX A555-HARDE..DDP..JETSS..TIST A555-HARDE..DDP.A555.COY..TISX 31 October 14:20 2016 until permanent. Created: 31 October 14:17 2016

TJZS 16/A0024 TJZS 20161031142000 PERM The following preferred routes must be filed by aircraft dispatcher for all aircraft operating within the San Juan CTA/Flight Information Region as follows: TJSJ/TJIG arrivals (TJIG landers replace TJSJ with SJU..TJIG) L458-CHEDR.L458.Thank..PLING.RTE7.SAALR..TJSJ L456-HANCY.L456.Thank..PLING.RTE7.SAALR..TJSJ L455-KINCH.L455.LENNT.A300.PLING.RTE7.SAALR..TJSJ L454/L451/G431-ELMUC..Idaho.RTE6.TJSJ G431-Scapa.G431.DAKES..JOSHE..TJSJ A555-HARDE.A555.Idaho.RTE6.TJSJ A555-ILURI.A555.COY.RTE4.Vedas..TJSJ A636-KATOK.A636.BQN.RTE2.TJSJ(PROPS/TURBOPROPS ONLY) G633-mella.G633.MAZ.RTE12.TJSJ G633-GABAR.G633.COY.RTE4.Vedas..TJSJ (ABOVE 10,000FT) G633-GABAR.G633.DANDE..STT.RTE6.TJSJ (10,0 feet and BELOW) G432-ARMUR.G432.ALASK..JOSHE..TJSJ A300-KIKER.A300.Rayas..Vedas..TJSJ G449-ANADA.G449.HENLI..Vedas..TJSJ R888-MODUX.R888.COY.RTE4.Vedas..TJSJ R760-GOUDA.R760.COY.RTE4.Vedas..TJSJ (ABOVE 10,000FT) B520-JUICE.B520.STT.RTE6.TJSJ (10,0 feet and BELOW) 31 October 14:20 2016 until permanent. Created: 31 October 14:16 2016

TJZS 16/A0023 TJZS 20161028181100 PERM The following preferred ROTES must be filed by dispatcher of aircraft operating WI the San Juan CTA/Flight Information Region as follows: northwest bound aircraft exiting San Juan CTA/Flight Information Region filed over LUCTI, lamer, LNHOM, LETON OR RENA must enter Miami Flight Information Region (ZMA) via ELMUC after ELMUC the aircraft must file the appropriate route to the intersection OR direct as follows: LUCTI-ELMUC..LUCTI lamer-ELMUC..Lamer LNHOM-ELMUC..LNHOM LETON-ELMUC..LETON RENA-ELMUC..RENAH. 28 October 18:11 2016 until permanent. Created: 28 October 18:17 2016

TJZS 15/A0021 TJZS 20150731192500 PERM Weather services are not available from Pico del Este CARSR. 31 July 19:25 2015 until permanent. Created: 31 July 19:32 2015

TJZS 13/A0070 TJZS 20131205161000 PERM The following star procedures are not

## ForeFlight Briefing History

authorized: beano arrival Chaka arrival JOSHE arrival SAALR arrival troco arrival. 05  
December 16:10 2013 until permanent. Created: 05 December 16:21 2013

KZMA 17/A0596 KZMA 20170515123000 20170516020000 Reservation Avon HI complex active. Miami Center will not approve IFR flights WI an area defined as 28° 00' North 081° 21' West to 28° 00' North 081° 14' West to 27° 44' North 081° 08' West to 27° 34' North 081° 04' West to 27° 21' North 081° 00' West to 27° 16' North 081° 06' West to 27° 24' North 081° 11' West to 27° 30' North 081° 18' West to 27° 32' North 081° 22' West to 27° 42' North 081° 25' West to 27° 44' North 081° 25' West to 27° 55' North 081° 25' West to Point of origin. Airspace IS above the western half of BASINGER Military Operations Area (LINE bisecting NE to SW), R2901A/B/C/D/E/F/G/H/I/J /K/L/M/N, Avon east Military Operations Area and north of Avon east Military Operations Area. VFR flights are encouraged to exercise extreme caution. Surface - flight level 400, 15 May 12:30 2017 until 16 May 02:00 2017. Created: 14 May 20:43 2017

KZMA 17/A0595 KZMA 20170515123000 20170516020000 Lake PLACID Military Operations Area active. Miami Center will not approve IFR flight and VFR flights are encouraged to exercise extreme caution WI an area defined as 27° 35' North 081° 42' West to 27° 55' North 081° 25' West to 27° 42' North 081° 25' West to 27° 32' North 081° 21' West to 27° 30' North 081° 17' West to 27° 24' North 081° 10' West to 27° 15' North 081° 04' West to 27° 04' North 081° 16' West to 27° 04' North 81° 28' West to Point of origin. 7,000 Feet - flight level 400, 15 May 12:30 2017 until 16 May 02:00 2017. Created: 14 May 20:34 2017

KZMA 17/A0591 KZMA 20170515160000 20170515210000 Air refueling along AR-620 from 27° 38' North 81° 32' West to 27° 19' North 81° 25' West 27255N 8104W 27° 44' North 81° 10' West. Flight level 180 - flight level 290, 15 May 16:00 2017 until 15 May 21:00 2017. Created: 13 May 01:11 2017

KZMA 17/A0585 KZMA 20170515211500 20170516004900 Stationary altitude reservation Cape Air Traffic Control assigned airspace active for A rocket launch. Miami Center will not approve IFR flight and VFR should exercise extreme caution WI an area defined as 28° 47' North 080° 50' West to 28° 47' North 080° 21' West to 28° 47' North 079° 50' West to 28° 25' North 079° 50' West to 28° 25' North 080° 30' West to 28° 25' North 080° 41' West to 28° 31' North 080° 44' West to 28° 38' North 080° 47' West to Point of origin. This altitude reservation ENCOMPASSES portions of R2933, R2934, and W497A. Surface - flight level 180, 15 May 21:15 2017 until 16 May 00:49 2017. Created: 12 May 12:28 2017

KZMA 17/A0584 KZMA 20170515211500 20170516004900 EROP X4705 attention airline dispatchers, some operations appear to be using the NOTAM beginning time to start filing routes around the launch Offshore Pacific. Launch hazard area times IN the NOTAM are altitude specific and DO not affect all operations. This NOTAM contains A breakdown of the times for pre-launch and launch closures. The following IS IN use for A missile launch/SPLASH down. During these times Miami Center (KZMA) Air Route Traffic Control Center (ARTCC)/OAC and New York Center (KZNY) Air Route Traffic Control Center (ARTCC)/OAC will not approve IFR flight WI 45 nautical miles of the affected oceanic stationary airspace reservations west of 6000W, 50 nautical miles between 6000W and 5500W, and 60 nautical miles east of 5500W OR WI affected warning area airspace. Effective: May 15, 2017 2115Z - May 16, 2017



## ForeFlight Briefing History

0049Z W497A west of 80 west, surface-5,000 feet mean sea level effective: May 15, 2017  
2115Z - May 16, 2017 0049Z Cape ATCAA, surface to flight level 180 effective: May 15, 2017  
2245Z - May 16, 2017 0049Z R2933, 5,000 feet mean sea level-unlimited effective: May 15, 2017  
2245Z - May 16, 2017 0049Z R2934, surface-unlimited effective: May 15, 2017 2315Z -  
May 16, 2017 0049Z launch hazard area A WI an area defined as 28° 39' North 080° 38' West to  
28° 40' North 080° 35' West to 28° 40' North 080° 01' West to 28° 36' North 079° 34' West to  
28° 32' North 079° 34' West to 28° 31' North 080° 04' West to 28° 32' North 080° 23' West to  
28° 34' North 080° 36' West to 28° 37' North 080° 38' West to Point of origin, surface-unlimited.  
Launch hazard area B WI an area defined as 28° 35' North 076° 18' West to 28° 35' North 074°  
07' West to 28° 15' North 069° 48' West to 27° 35' North 069° 48' West to 27° 35' North 071° 07'  
West to 28° 06' North 076° 18' West to Point of origin. Surface-unlimited. IN the interest of  
safety, all non-participating pilots are strongly advised to avoid the above areas, except as noted  
below for flight plan filing purposes. The following restrictions will be IN effect WI Miami  
Center (KZMA) and New York Center (KZNY) Flight Information Regions. All traffic  
requested altitude must be estimated to clear oceanic altitude reservations at OR before May 15,  
2017 2310Z. New York Center (KZNY) request aircraft certified for RNP 4/10 file routes to  
avoid hazard areas A and B by 25 nautical miles, and non certified RNP 4/10 aircraft avoid areas  
A and B by 45 nautical miles during the hazard period May 15, 2017 2315Z to May 16, 2017  
0049Z. The following routes will be impacted: AR6, AR15, AR17, A699, G437 L451, L452,  
L453, L454, M204, M327, M328, M329, M330, M331, M593 and Y585. HIBAC transients  
SHIFTY star closed. For flight filed over OMN on the following stars:  
FISEL/GISSH/FRWAY/CAYSL expect A reroute via OMN J79 TRV and TRV transition.  
Reroutes for "AR" routes will be contained IN FAA Air Traffic Control command Center  
advisory. Because of the indefinite OPN time, some airline operations are rerouting flight  
unnecessarily. EXCEPTING the New York Center (KZNY) request above all flight with routes  
that would normally transit through oceanic Offshore Pacific areas during Offshore Pacific  
window May 15, 2017 2315Z through May 16, 2017 0049Z should file their normal route but  
plan on receiving reroute from Air Traffic Control. Miami Center (KZMA) will reroute only  
those flight necessary to clear the affected areas while IN use. Expect the following international  
reroutes: Y585 OMN J79 TRV CVIKK Y585 and reverse. For flight that have not filed around  
oceanic hazard areas transiting FM Miami/San Juan Flight Information Region to New York  
expect the following international reroutes: A699 closed east of NUCAR G437 closed north of  
BAAGR L451 ELMUC Y585 RENA H G446 NUCAR AR3 climb and reverse. L452 GTK G446  
NUCA4R AR3 climb inland and reverse. L453 CERDA M594 MCOOP L455. M204 expect to  
use M203. M327 expect NUCAR SNAGY KANUX. M328 TANIA NUCAR SNAGY KANUX.  
M329 ZQA MILLE M595 RABAL M330 Bermuda. M330 MILLE M595 RABAL MEGGG  
M331 LFANO RABAL MEGGG M593 O/MILLE M595 VINSO AMMEO. Surface - see text  
see text, 15 May 21:15 2017 until 16 May 00:49 2017. Created: 12 May 12:20 2017

KZMA 17/A0572 KZMA 20170517110000 20170517150000 GDT (GRAND Turk ATCBI) out  
of service reroute the following reroute will be IN effect for the grand Turk ATCBI outage: FM  
New York Center (ZNY)/Boston Center (ZBW)/Washington Center (ZDC) to Miami Center  
(ZMA): Y585: closed FM RENA H to ELMUC -reroute via OMN ZFP BR1L GTK. L450/L451:  
closed S of LETON -reroute via LETON R763 GTK OR climb AR3 NUCAR MAMML BR1L  
GTK. L452: closed S of KASAR -reroute via L452 KASAR LETON R763 GTK. L452  
exception: -non-RNP4/10 aircraft route via L452 LNHOM L452 GTK. L453: closed southbound

## ForeFlight Briefing History

-reroute via L452 reroute OR L455 OR L456. L453: closed BOS area/N departure -reroute ROLLE ATUGI ONGOT KASAR LETON R763GTK. L454: closed -reroute via L455 OR L456 OR L452 KASAR LETON R763 GTK. M594/M596/B891: closed southwest-bound -reroute FIVZE M597 BETIR OR M595 LFANO M331 AVNEY. G504: closed -reroute via climb AR3 NUCAR ZIN A756 HCN. FM Miami Center (ZMA) to New York Center (ZNY)/Washington Center (ZDC): L450/L451: closed -reroute GTK A555 BTLER L463 NUCAR AR3 OLDEY. L452: closed -reroute L453 BOREX PERDO L454 OR L454. L452: closed -Washington area ARVLS -reroute GTK A555 BTLER L463 NUCAR AR3 OLDEY. L453: -reroute L453 BOREX PERDO L454. L453: -Washington area ARVLS -reroute L453 ONGOT OXANA AR8. M594: closed -reroute BETIR M597 FIVZE OR AVNEY M331 LFANO M595. M596: closed -reroute BETIR M597 FIVZE OR AVNEY M331 LFANO M595. G504: closed -reroute ALBBE A636 ZIN NUCAR AR3 climb. FM Jacksonville Center (ZJX) to Miami Center (ZMA): Y585: closed FM RENAH to ELMUC -reroute Y585 ATTIK WLKER DAAST L463 BRRGO BR1L GTK. AR3/G446: -reroute AR3 NUCAR MAMML BR1L GTK OR AR3 BARTS BR1L GTK. FM ZSU to Miami Center (ZMA): Y585: closed FM ELMUC to RENAH -reroute R507 GTK A555 BTLER L463 DAAST Y585. G431/L451: closed FM CERDA to LETON: to New York Center (ZNY) and BOS airport -reroute G431 CERDA L453 OR G431 ELMUC L454 to ATL/channels/Washington airport -reroute R507 GTK A555 BTLER L463 NUCAR. M594: closed -reroute BETIR M597 FIVZE OR M595 LFANO M331. M596: closed -reroute BETIR M597 FIVZE OR M595 LFANO M331. A555: closed northwest-bound -reroute R507 GTK A555. Y587: closed -reroute R507 GTK A555. FM MDCS (SANTO DOMINGO) Flight Information Region to Miami Center (ZMA): L450: closed. G504: closed -reroute ALBBE A636 ZIN NUCAR AR3 climb. Departure FM MDPP/MDST to NY METROS -reroute POKEG B891 MACKI L453 BOREX PERDO L454. Departure FM MDPC/MDLR/MDSD/MDJB/MDCY to NY METROS -reroute ASIVO L453 BOREX PERDO L454. All departure to destinations other than NY METROS -reroute RETAK A636. ZIN...Flight plan route. Miami Center (ZMA) internals: Miami Center (ZMA) departure from PBI and apt N Canada expect routing via: -ZFP BR1L GTK Miami Center (ZMA) departure FM MIA/FLL terminals should file normal routings. When traffic management initiatives are required, aircraft Canada expect routing via: -ZBV A315 ZIN A636 PTA...To rejoin route/destination questions Canada be directed to Miami Center (ZMA) TMU (305)716-1737 17 May 11:00 2017 until 17 May 15:00 2017. Created: 08 May 13:44 2017

KZMA 16/A1388 KZMA 20161214110000 20170731040000 Altitude reservation BONEFISH ATCAA active WI an area defined as 25° 15' North 082° 00' West to 25° 15' North 081° 44' West to 24° 58' North 082° 00' West to Point of origin. Caution IS advised. Intermittent use. Surface - FL500), 1100-0400, 14 December 11:00 2016 until 31 July 04:00 2017. Created: 13 December 12:08 2016

KZMA 16/A1387 KZMA 20161214110000 20170731040000 Stationary altitude reservation PATTY target ATCAA active WI an area defined as the lateral confines of W174E 11,000 feet-flight level 500. Avoidance IS advised. Intermittent use. 11,000 Feet - FL500), 1100-0400, 14 December 11:00 2016 until 31 July 04:00 2017. Created: 13 December 12:07 2016

KZMA 16/A1385 KZMA 20161213123000 20171214040000 Altitude reservation BONEFISH ATCAA active WI an area defined as 25° 15' North 082° 00' West to 25° 15' North 081° 44'

## ForeFlight Briefing History

West to 24° 58' North 082° 00' West to Point of origin. Caution IS advised. Intermittent use. Surface - FL500), 13 December 12:30 2016 until 14 December 04:00 2017. Created: 13 December 12:04 2016

KZMA 16/A1270 KZMA 20161110175500 PERM Route G431 IS not AUTH southbound between waypoints IORIO and ELMUC. Operators wishing to use G431 SOUTHBOUND must file IORIO G504 COUKY Y585 ELMUC. Flight level 055 - flight level 600, 10 November 17:55 2016 until permanent. Created: 10 November 17:57 2016

KZMA 16/A1262 KZMA 20161110050100 PERM Route L451 IS not authorized southbound between waypoints IORIO and ELMUC. Operators wishing to use L451 SOUTHBOUND must file L451 IORIO L450 COUKY Y585 ELMUC. Flight level 055 - flight level 600, 10 November 05:01 2016 until permanent. Created: 08 November 16:30 2016

KZMA 16/A0846 KZMA 20160628144300 PERM MAIMI Center no longer requires A 10MIN call prior to crossing the Miami Flight Information Region boundary except for northbound traffic over following locations: northbound aircraft from Santo Domingo Flight Information Region use 126.45. Northbound aircraft from Port-Au-Prince Flight Information Region use 123.77. Northbound aircraft from Cuba Flight Information Region overflying DINAH at OR above flight level 240 and all aircraft overflying ENAMO and ERRCA use 127.22. Aircraft from Cuba Flight Information Region over GHANN, OVALU OR BYGON use 123.77. All these aircraft shall call Miami Center 10MIN prior to crossing the Miami CTA/Flight Information Region boundary due to heavy air traffic congestion. Surface - flight level 600, 28 June 14:43 2016 until permanent. Created: 28 June 14:52 2016

KZMA 15/A1319 KZMA 20151211145400 PERM Single-engine aircraft operating under part 135 filing into FLL area airports (FLL/FXE/HWO/OPF/PMP) via the DEKAL intersection (DEKAL two, WAVUN one, BR22V, BR55V) should expect to cross DEKAL at 11,000 feet when carrying passengers (135.183). When part 135.183 Rules apply, pilots should include the following note IN the remarks section (BLOCK 11) of their flight plan: require 110 at DEKAL for 135.183. All other non-turbojet aircraft and single-engine part 135 aircraft not carrying passengers should expect to cross DEKAL at 4,000 feet. 11 December 14:54 2015 until permanent. Created: 11 December 14:59 2015

KZMA 15/A1318 KZMA 20151211145700 PERM Subject: operation of grand Bahama air TRAFFICE services. Airmen and airline operators are advised that effective immediately, all VOR routes within the grand Bahama TMA and at the grand Bahama international airport [MYGF] Global Positioning System waypoints overlays shall be utilized. See commonwealth of the Bahamas Aeronautical Information Circular 07/01, governing the use of the GNSS/area navigation (RNAV) procedures IN the Bahamas domestic airspace and Aeronautical Information Circular 12/02, NOVEMBER 14, 2001, for original area navigation (RNAV) approach procedures for runway 06/24, at the grand Bahama international airport, FREEPORT, Bahamas. Also see Aeronautical Information Publication en-route 3 for Air Traffic Service route description, en-route 3.3, Page 3-3-1 for area navigation [RNAV] routes, engine 6-1-5 enroute waypoint chart and en-route 6-1-3 air traffic service system for waypoint/airway overlay. Aircraft not equipped with GNSS/area navigation (RNAV) equipment shall be required to

## ForeFlight Briefing History

operate between the hours of sunrise and sunset IN visual Meteorological conditions (VMC) unless specific approval IS granted by the appropriate Air Traffic Service authority. Specific waivers shall be granted for hospital emergency/ medical evacuation flights. Air traffic SERVICES will be provided twenty Four (24) hours daily. 11 December 14:57 2015 until permanent. Created: 11 December 14:58 2015

KZMA 15/A1317 KZMA 20151211145500 PERM United States domestic departures from northeast airports landing central/south Florida airports, that transition through west Atlantic route system airspace (WATRS), shall not file the following airways southwest bound into Miami Center (ZMA) OR Jacksonville Center (ZJX) airspace: M202, M203, M204 without prior coordination through the FAA system command Center. European and Canadian departures are exempt from this restriction. Surface - flight level 600. 11 December 14:55 2015 until permanent. Created: 11 December 14:58 2015

KZMA 15/A1314 KZMA 20151211134300 PERM Aircraft departing from south Florida airports landing MDLR and MDPC shall file the following routes to the Santo Domingo Flight Information Region boundary: GTK.R763.MACKI.L453.ASIVO OR ZIN.A636.RETAK. Surface - flight level 600, 11 December 13:43 2015 until permanent. Created: 11 December 13:47 2015

KZMA 15/A1313 KZMA 20151211134100 PERM APF/MKY departure aircraft filing flight plans for destinations west of ATL that are equipped with advanced navigation capabilities requesting at OR above flight level 360 are strongly encouraged to file direct MOOKY direct HILTI then direct points north. Flight level 360 - unlimited, 11 December 13:41 2015 until permanent. Created: 11 December 13:47 2015

KZMA 15/A0342 KZMA 20150320132800 PERM Due to NAVAID limitation route BR2L from wreck intermittent to DUKKY intermittent navigation equipment other than LF OR VHF required. Flight level 030 - flight level 600, 20 March 13:28 2015 until permanent. Created: 20 March 13:33 2015

KZMA 15/A0341 KZMA 20150320133000 PERM Due to NAVAID limitation route A555 from GUANA intermittent to GEROT intermittent navigation equipment other than LF OR VHF required. Flight level 030 - flight level 600, 20 March 13:30 2015 until permanent. Created: 20 March 13:26 2015

KZMA 14/A0863 KZMA 20141028185500 PERM Operators departing from ORLANDO terminal airports with routes through Miami Center should file A flight plan only with Jacksonville Center. FPL message should not be addressed to Miami Center (KZMA). 28 October 18:55 2014 until permanent. Created: 28 October 18:56 2014

KZMA 12/A1088 KZMA 20120911130000 PERM QOAXX for WATRS and Gulf of Mexico oceanic operations, if filing new International Civil Aviation Organization (ICAO) flight plan (FPL) 2012 format, operators of aircraft not authorized RNP 10 must file remark/NONRNP10 IN item 18 and Canada no longer file status/NONRNP10. Call 202-863-3692 for questions OR consult WATRS plus OR Gulf of Mexico 50 nautical miles lateral webpages. Surface -

## ForeFlight Briefing History

unlimited, 11 September 13:00 2012 until further notice. Created: 11 September 13:14 2012

KZMA 12/A0037 KZMA 20120117003500 PERM QCSAC NASSAU SSR 27° North 77° West to 26° North 76° West to 24° North 76° West to 22° North 80° West eastward unavailable. Surface - unlimited, effective immediately until further notice. Created: 17 January 00:35 2012

KZJX 17/A0814 KZJX 20170517110000 20170517150000 GDT (GRAND Turk ATCBI) out of service reroute the following reroute will be IN effect for the grand Turk ATCBI outage: FM New York Center (ZNY)/Boston Center (ZBW)/Washington Center (ZDC) to Miami Center (ZMA): Y585: closed FM RENA to ELMUC -reroute via OMN ZFP BR1L GTK. L450/L451: closed S of LETON -reroute via LETON R763 GTK OR climb AR3 NUCAR MAMML BR1L GTK. L452: closed S of KASAR -reroute via L452 KASAR LETON R763 GTK. L452 exception: -non-RNP4/10 aircraft route via L452 LNHOM L452 GTK. L453: closed southbound -reroute via L452 reroute OR L455 OR L456. L453: closed BOS area/N departure -reroute ROLLE ATUGI ONGOT KASAR LETON R763GTK. L454: closed -reroute via L455 OR L456 OR L452 KASAR LETON R763 GTK. M594/M596/B891: closed southwest-bound -reroute FIVZE M597 BETIR OR M595 LFANO M331 AVNEY. G504: closed -reroute via climb AR3 NUCAR ZIN A756 HCN. FM Miami Center (ZMA) to New York Center (ZNY)/Washington Center (ZDC): L450/L451 closed -reroute GTK A555 BTLER L463 NUCAR AR3 OLDEY L452 closed -reroute L453 BOREX PERDO L454 OR L454 L452 closed -Washington area ARVLS -reroute GTK A555 BTLER L463 NUCAR AR3 OLDEY L453 -reroute L453 BOREX PERDO L454 L453 -Washington area ARVLS -reroute L453 ONGOT OXANA AR8 M594 closed -reroute BETIR M597 FIVZE OR AVNEY M331 LFANO M595 M596 closed -reroute BETIR M597 FIVZE OR AVNEY M331 LFANO M595 G504 closed -reroute ALBBE A636 ZIN NUCAR AR3 climb FM Jacksonville Center (ZJX) to Miami Center (ZMA): Y585 closed FM RENA to ELMUC -reroute Y585 ATTIK WLKER DAAST L463 BRRGO BR1L GTK AR3/G446 -reroute AR3 NUCAR MAMML BR1L GTK OR AR3 BARTS BR1L GTK FM ZSU to Miami Center (ZMA): Y585 closed FM ELMUC to RENA -reroute R507 GTK A555 BTLER L463 DAAST Y585 G431/L451 closed FM CERDA to LETON: to New York Center (ZNY) and BOS airport -reroute G431 CERDA L453 OR G431 ELMUC L454 to ATL/channels/Washington airport -reroute R507 GTK A555 BTLER L463 NUCAR M594 closed -reroute BETIR M597 FIVZE OR M595 LFANO M331 M596 closed -reroute BETIR M597 FIVZE OR M595 LFANO M331 A555 closed northwest-bound -reroute R507 GTK A555 Y587 closed -reroute R507 GTK A555 FM MDCS (SANTO DOMINGO) Flight Information Region to Miami Center (ZMA): L450 closed G504 closed -reroute ALBBE A636 ZIN NUCAR AR3 climb departure FM MDPP/MDST to NY METROS -reroute POKEG B891 MACKI L453 BOREX PERDO L454 departure FM MDPC/MDLR/MDSD/MDJB/MDCY to NY METROS -reroute ASIVO L453 BOREX PERDO L454 all departure to destinations other than NY METROS -reroute RETAK A636 ZIN...Flight plan route Miami Center (ZMA) internals: Miami Center (ZMA) departure from PBI and apt N Canada expect routing via: -ZFP BR1L GTK Miami Center (ZMA) departure FM MIA/FLL terminals should file normal routings. When traffic management initiatives are required, aircraft Canada expect routing via: -ZBV A315 ZIN A636 PTA...To rejoin route/destination questions Canada be directed to Miami Center (ZMA) TMU (305)716-1737 17 May 11:00 2017 until 17 May 15:00 2017. Created: 08 May 13:57 2017

## ForeFlight Briefing History

KICZ 17/A0010 KICZ 20170510135200 PERM Security..United states of America flight prohibition for Iraq Baghdad (ORBB) flight information region. Due to the hazardous situation Created by the ongoing fighting and instability IN Iraq, all flight operations IN the Baghdad (ORBB) flight information region (FIR) by the persons described IN paragraph A (APPLICABILITY) are prohibited. This NOTAM IS an emergency order issued under 49 USC 40113(A) and 46105(C). This NOTAM will remain IN effect until such time as title 14, code of federal regulations, section 91.1605, Special federal aviation regulation no. 77- Prohibition against certain flights IN the Baghdad (ORBB) flight information region (FIR) IS REISSUED. A. Applicability. This NOTAM applies to: all United States air carriers and commercial OPERATORS; all persons exercising the privileges of an airman certificate issued by the FAA, except such persons operating U.S.&#8208;REGISTERED aircraft for A foreign air CARRIER; and all operators of aircraft registered IN the united states, except where the operator of such aircraft IS A foreign air carrier. B. Permitted operations. This NOTAM does not prohibit persons described IN paragraph A (APPLICABILITY) from conducting flight operations IN the Baghdad Flight Information Region (ORBB) when such operations are authorized either by another agency of the united states government with the approval of the FAA OR by A deviation, exemption, OR other authorization issued by the FAA administrator. Operators must call the FAA Washington operations Center at 202-267-3333 to initiate coordination for FAA authorization of operations. C. Emergency situations. IN an emergency that requires immediate decision and action for the safety of the flight, the pilot IN command of an aircraft May deviate from this NOTAM to the extent required by that emergency. Surface - unlimited 10 May 13:52 2017 until permanent. Created: 10 May 14:05 2017

KICZ 17/A0008 KICZ 20170330111800 PERM Security..United states of America advisory for Egypt Sinai peninsula those persons described IN paragraph A below should avoid flying into, out of, within OR over the Sinai peninsula IN the Cairo flight information region (FIR) (HECC) at altitudes below flight level 260 within the following lateral limits: 311855N 0321900E to 294443N 0322815E to 281650N 0331928E to 272900N 0341900E to 292920N 0345500E then along the Egypt/Israel border to 311800N 0341300E to 311855N 0321900E. A. Applicability. This NOTAM applies to: all United States air carriers and commercial OPERATORS; all persons exercising the privileges of an airman certificate issued by the FAA, except such persons operating U.S.-Registered aircraft for A foreign air CARRIER; and all operators of aircraft registered IN the united states, except where the operator of such aircraft IS A foreign air carrier. B. Planning. Those persons described IN paragraph A planning to fly into, out of, within, OR over the above-named area must review current security/threat information and NOTAMS; comply with all applicable FAA regulations, operations specifications, management specifications, and letters of authorization, including updating B450; and provide at least 72 hours advance notice of planned flights to the FAA at AEO-CITEWATCH@FAA.Governor with specific flight details to the maximum extent possible. C. Operations. Exercise extreme caution during flight operations due to the risk from potential extremist/militant attacks involving Anit-aircraft weapons, including MAN-portable air defense systems (MANPADS), Anit-TANK missiles, small-arms fire, and indirect fire from mortars and rockets targeting aircraft and Sinai airports. Those persons described IN paragraph A must report safety and/OR security incidents to the FAA at +1 202-267-3333 OR 1 202-267-3203. The justification for this advisory will be RE-evaluated by 30 march 2018. Additional information IS provided at: [http://WWW.FAA.Governor/AIR\\_TRAFFIC/publications/US\\_RESTRICTIONS/](http://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/). Surface -

## ForeFlight Briefing History

flight level 259 30 March 11:18 2017 until 30 March 23:59 2018 estimated. Created: 30 March 11:25 2017

KICZ 17/A0007 KICZ 20170320221700 20190320235900 Security..United states of America flight prohibition against certain flights within the Tripoli (HLLL) flight information region (FIR) 14 CFR 91.1603 Special federal aviation regulation (SFAR) no. 112 Extension of the prohibition against certain flights within the Tripoli (HLLL) flight information region (FIR) IS published IN the federal register and IS now effective. Additional information IS provided at: [https://WWW.FAA.Governor/AIR\\_TRAFFIC/publications/US\\_RESTRICTIONS/](https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/). Surface - unlimited, 20 March 22:17 2017 until 20 March 23:59 2019. Created: 20 March 22:27 2017

KICZ 17/A0004 KICZ 20170226123200 PERM Security..United states of America advisory for Mali. Those persons described IN paragraph A below should avoid flying into, out of, within OR over the territory and airspace of Mali at altitudes below flight level 260 due to ongoing fighting and extremist/militant activity. A. Applicability. This NOTAM applies to: all United States air carriers and commercial OPERATORS; all persons exercising the privileges of an airman certificate issued by the FAA, except such persons operating U.S.-Registered aircraft for A foreign air CARRIER; and all operators of aircraft registered IN the united states, except where the operator of such aircraft IS A foreign air carrier. B. Planning. Those persons described IN paragraph A planning to fly into, out of, within, OR over the above-named area at altitudes below flight level 260 must review current security/threat information and NOTAMS; comply with all applicable FAA regulations, operations specifications, management specifications, and letters of authorization, including updating B450; and provide at least 72 hours advance notice of planned flights to the FAA at AEO-CITEWATCH@FAA.Governor with specific flight details to the maximum extent possible. C. Operations. Exercise caution during flight operations due to the possibility of attacks on civil aviation by extremists/militants. Aircraft May encounter fire from small ARMS; indirect fire weapons, such as mortars and ROCKETS; and Anit-aircraft capable weapons, including MAN-portable air defense systems (MANPADS). Such weapons could target aircraft at low altitudes, including during the arrival and departure phases of flight, and/OR airports and aircraft on the ground. Those persons described IN paragraph A must report safety and/OR security incidents to the FAA at +1 202-267-3333 OR +1 202-267-3203. The justification for this advisory will be RE-evaluated by 26 February 2018. Additional information IS provided at:

[https://WWW.FAA.Governor/AIR\\_TRAFFIC/publications/US\\_RESTRICTIONS/](https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/). Surface - flight level 259 26 February 12:32 2017 until 26 February 23:59 2018 estimated. Created: 26 February 12:36 2017

KICZ 17/A0003 KICZ 20170226122800 PERM Security..United states of America advisory for Kenya those persons described IN paragraph A below are advised to exercise caution when flying into, out of, within, OR over the territory and airspace of Kenya at altitudes below flight level 260 due to risks associated with the potentially hazardous situations caused by extremist/militant activity. A. Applicability. This NOTAM applies to: all United States air carriers and commercial OPERATORS; all persons exercising the privileges of an airman certificate issued by the FAA, except such persons operating U.S.-Registered aircraft for A foreign air CARRIER; and all operators of aircraft registered IN the united states, except where the operator of such aircraft IS A foreign air carrier. B. Planning. Those persons described IN

## ForeFlight Briefing History

paragraph A planning to fly into, out of, within, OR over the above-named area must review current security/threat information and NOTAMS; comply with all applicable FAA regulations, letters of authorization, management specifications, and operations specifications, including updating of the B450. C. Operations. Exercise caution during flight operations due to the possibility of attacks on civil aviation by extremists/militants. Aircraft May encounter fire from small ARMS; indirect fire weapons, such as mortars and ROCKETS; and Anti-aircraft capable weapons, including MAN-portable air defense systems (MANPADS). Such weapons could target aircraft at low altitudes, including during the arrival and departure phases of flight, and/OR airports and aircraft on the ground. Those persons described IN paragraph A must report safety and/OR security incidents to the FAA at +1 202-267-3333 OR +1 202-267-3203. The justification for this advisory will be RE-evaluated by 26 February 2018. Additional information IS provided at:  
[http://WWW.FAA.Government/AIR\\_TRAFFIC/publications/US\\_RESTRICTIONS/](http://WWW.FAA.Government/AIR_TRAFFIC/publications/US_RESTRICTIONS/). Surface - flight level 259 26 February 12:28 2017 until 26 February 23:59 2018 estimated. Created: 26 February 12:34 2017

KICZ 17/A0001 KICZ 20170104225300 PERM Security..United states of America flight prohibition for Syria Damascus (OSTT) flight information region. Due to the hazardous situation Created by the ongoing conflict and instability IN Syria, all flight operations IN the Damascus (OSTT) flight information region (FIR) by the persons described IN paragraph A below are prohibited. This NOTAM IS an emergency order issued under 49 USC 40113(A) and 46105(C). This NOTAM will remain IN effect until such time as title 14, code of federal regulations, section 91.1609, Special federal aviation regulation no. 114- Prohibition against certain flights IN the Damascus (OSTT) flight information region (FIR) IS REISSUED. A. Applicability. This NOTAM applies to: all United States air carriers and commercial OPERATORS; all persons exercising the privileges of an airman certificate issued by the FAA, except such persons operating U.S.-REGISTERED aircraft for A foreign air CARRIER; and all operators of aircraft registered IN the united states, except where the operator of such aircraft IS A foreign air carrier. B. Permitted operations. This NOTAM does not prohibit persons described IN paragraph A from conducting flight operations IN the Damascus Flight Information Region (OSTT) when such operations are authorized either by another agency of the united states government with the approval of the FAA OR by A deviation, exemption, OR other authorization issued by the FAA administrator. Operators must call the FAA Washington operations Center at 202-267-3333 to initiate coordination for FAA authorization of operations. C. Emergency situations. IN an emergency that requires immediate decision and action for the safety of the flight, the pilot IN command of an aircraft May deviate from this NOTAM to the extent required by that emergency. Surface - unlimited 04 January 22:53 2017 until permanent. Created: 04 January 22:59 2017

KICZ 16/A0024 KICZ 20161230133000 PERM Security..United states of America advisory for Pakistan. Those persons described IN paragraph A below are advised to exercise caution when flying into, out of, within, OR over the territory and airspace of Pakistan due to extremist/militant activities. A. Applicability: this NOTAM applies to: all United States air carriers and commercial OPERATORS; all persons exercising the privileges of an airman certificate issued by the FAA, except such persons operating U.S.-Registered aircraft for A foreign air CARRIER; and all operators of aircraft registered IN the united states, except where



## ForeFlight Briefing History

the operator of such aircraft IS A foreign air carrier. B. Planning: those persons described IN paragraph A planning to fly into, out of, within, OR over the above-named area must review current security/threat information and NOTAMS and comply with all applicable FAA regulations, letters of authorization, management specifications, and operations specifications, including updating B450. C. Operations: exercise caution during flight operations. There IS A risk to United States civil aviation operating IN the territory and airspace of Pakistan due to extremist/militant activity. There continues to be A risk to United States civil aviation from attacks against airports and aircraft, particularly for aircraft on the ground and aircraft operating at low altitudes during the arrival and departure phases of flight. While there have been no reports of MAN-portable air defense systems (MANPADS) being used against civil aviation, there IS A potential risk for terrorists to target civil aviation with MANPADS at low altitudes. Those persons described IN paragraph A must report safety and/OR security incidents to the FAA at +1-202-267-3333 OR 1-844-412-1794. The justification for this advisory will be RE-evaluated by 30 December 2017. Additional information IS provided at: [http://WWW.FAA.Governor/AIR\\_TRAFFIC/publications/US\\_RESTRICTIONS/](http://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/). Surface - unlimited 30 December 13:30 2016 until 30 December 23:59 2017 estimated. Created: 30 December 13:38 2016

KICZ 16/A0022 KICZ 20161224144100 PERM Security..United states of America advisory for Afghanistan. Those persons described IN paragraph A below flying into, out of, within, OR over the territory and airspace of Afghanistan should operate only on established air routes and at altitudes at OR above flight level 330 to the maximum extent possible. High elevation terrain IN parts of Afghanistan May create the potential for some of the threats described IN paragraph C to be encountered at OR above flight level 330 IN those areas. A. Applicability. This NOTAM applies to: all United States air carriers and commercial OPERATORS; all persons exercising the privileges of an airman certificate issued by the FAA, except such persons operating U.S.-Registered aircraft for A foreign air CARRIER; and all operators of aircraft registered IN the united states, except where the operator of such aircraft IS A foreign air carrier. B. Planning. Those persons described IN paragraph A planning to fly into, out of, within, OR over the above-named area must review current security/threat information and NOTAMS and comply with all applicable FAA regulations, operations specifications, management specifications, and letters of authorization, including updating B450. C. Operations. Exercise extreme caution during flight operations, particularly when operating below FL 330, due to ongoing military operations and extremist/militant activity. The security situation IN Afghanistan continues to present an ongoing concern for United States civil aviation interests, particularly for aircraft on the ground and aircraft operating at low altitudes during the arrival and departure phases of flight. There IS A risk of attacks against United States civil aviation IN Afghanistan. Airports IN Afghanistan May be targets of direct assault and indirect fire and are susceptible to insider threats. Aircraft on the ground at airports/airfields have been damaged OR destroyed by indirect rocket OR mortar fire from extremist/militant attacks. Aircraft are at risk of encountering Anit-aircraft fire, and shoulder-fired MAN-portable air defense systems (MANPADS), particularly at low altitudes. Those persons described IN paragraph A must report safety and/OR security incidents to the FAA at +1 202-267-3333 OR 1-844-412-1794. The justification for this advisory will be RE-evaluated by 24 December 2017. Additional information IS provided at: [https://WWW.FAA.Governor/AIR\\_TRAFFIC/publications/US\\_RESTRICTIONS/](https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/). Surface - flight level 329 24 December 14:41 2016 until 24 December 23:59 2017 estimated. Created: 24

## ForeFlight Briefing History

December 14:41 2016

KICZ 16/A0021 KICZ 20161027111300 PERM Security..United states of America prohibition for Ukraine Simferopol (UKFV) and Dnepropetrovsk (UKDV) flight information regions (FIR) 14 CFR 91.1607 Special federal aviation regulation (SFAR) no. 113-Extension of the prohibition against certain flights IN the Simferopol (UKFV) and DNIPROPETROVSK (UKDV) flight information regions (FIRS) was published IN the federal register on October 27, 2016 and was effective immediately. SFAR no. 113, As amended, extends the prohibition on United States civil flight operations IN the Simferopol (UKFV) and Dnepropetrovsk (UKDV) Flight Information Regions until October 27, 2018. Additional information IS provided at: [https://WWW.FAA.Governor/AIR\\_TRAFFIC/publications/US\\_RESTRICTIONS/](https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/). Surface - unlimited, 27 October 11:13 2016 until 26 October 23:59 2018 estimated. Created: 27 October 11:21 2016

KICZ 16/A0019 KICZ 20160909121100 PERM Security..United states of America advisory for Tehran (OIIX) flight information region (FIR) those persons described IN paragraph A below are advised to exercise caution when flying IN the Tehran (OIIX) flight information region (FIR) due to military activity associated with the conflicts IN Syria and Iraq. Before operating IN OR adjacent to the Tehran Flight Information Region (OIIX) carefully review current NOTAMS and be familiar with current conditions IN the middle east. A. Applicability. This NOTAM applies to: all United States air carriers and commercial OPERATORS; all persons exercising the privileges of an airman certificate issued by the FAA, except such persons operating U.S.-Registered aircraft for A foreign air CARRIER; and all operators of aircraft registered IN the united states, except where the operator of such aircraft IS A foreign air carrier. B. Planning. Those persons described IN paragraph A planning to fly IN the Tehran Flight Information Region (OIIX) must review current security/threat information and NOTAMS; comply with all applicable FAA regulations, operations specifications, management specifications, and letters of authorization, including updating B450. Iranian civil aviation authorities May issue NOTAMS describing required procedures for entry into the Tehran Flight Information Region (OIIX). Any person described IN paragraph A planning A flight through the Tehran Flight Information Region (OIIX) should file A flight plan well IN advance and carefully adhere to that flight plan, unless otherwise directed by air traffic control, and to all air traffic clearances while IN the Tehran Flight Information Region (OIIX). The United States department of state has issued A travel warning for Iran advising, IN part, that the United States government does not currently maintain diplomatic OR consular relations with the Islamic Republic of Iran, and that the SWISS government, acting through its embassy IN Tehran, serves as the protecting power for United States interests IN Iran. Any United States operator making an unanticipated landing IN Iran should contact the United States interests section at the SWISS embassy IN Tehran for any needed assistance at telephone +98&#8722;21&#8722;2279-3912 OR +98&#8722;21&#8722;2279-3697. C. Operations. Exercise caution during flight operations due to military activity IN the Tehran Flight Information Region (OIIX) associated with the ongoing conflicts IN Syria and Iraq. Those persons described IN paragraph A must report safety and/OR security incidents to the FAA at +1 202-267-3333 OR 1-844-412-1794. The justification for this advisory will be RE-evaluated by 9 September 2017. Additional information IS provided at: [http://WWW.FAA.Governor/AIR\\_TRAFFIC/publications/US\\_RESTRICTIONS/](http://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/). Surface - unlimited 09 September 12:11 2016 until 09 September 23:59 2017 estimated. Created: 09

## ForeFlight Briefing History

September 12:18 2016

KICZ 16/A0017 KICZ 20160808124500 PERM Security..United states of America advisory for south Sudan those persons described IN paragraph A should exercise caution flying into, out of, WI OR over the territory and airspace of south Sudan at altitudes below flight level 260 due to the hazardous situation Created by the ongoing fighting IN south Sudan. A. Applicability. This NOTAM applies to: all United States air carriers and commercial OPERATORS; all persons exercising the privileges of an airman certificate issued by the FAA, except such persons operating U.S.-Registered aircraft for A foreign air CARRIER; and all operators of aircraft registered IN the united states, except where the operator of such aircraft IS A foreign air carrier. B. Planning. Those persons described IN paragraph A planning to fly into, out of, WI, OR over the above-named area must review current security/threat information and NOTAMS; comply with all applicable FAA regulations, letters of authorization, management specifications and operations specifications, including updating B450; and provide at least 72 hours advance notice of planned flights to the FAA at AEO-CITEWATCH@FAA.Governor with specific flight details whenever possible. If A person described IN paragraph A has less than 72 hours advance notice of such A flight, that person must provide notice to the FAA at AEO-CITEWATCH@FAA.Governor as far IN advance of the planned flight as possible. C. Operations. Exercise caution during flight operations due to the potential risk from small-arms fire, rocket-propelled grenades, Anit-aircraft fire, and shoulder-fired MAN-portable air defense systems (MANPADS). IN addition, while some attacks have been intentional, command and control deficiencies and/OR misidentification of aircraft have likely led to government and rebel forces mistakenly firing on civil aviation, particularly on the ground and at low altitudes. Those persons described IN paragraph A must report safety and/OR security incidents to the FAA at +1 202-267-3333. The justification for this advisory will be RE-evaluated by 8 August 2017. Additional information IS provided at: [https://WWW.FAA.Governor/AIR\\_TRAFFIC/publications/US\\_RESTRICTIONS](https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS). Surface - flight level 259 08 August 12:45 2016 until 08 August 23:59 2017 estimated. Created: 08 August 12:44 2016

KICZ 16/A0012 KICZ 20160527105500 PERM Security..United states of America advisory for north Korea Pyongyang (ZKKP) flight information region (FIR) those persons described IN paragraph A below are advised to exercise caution when flying IN OR near the Pyongyang (ZKKP) flight information region (FIR) east of 132 degrees east longitude due to north KOREAS history of unannounced launching of medium-range ballistic missiles. A. Applicability. This NOTAM applies to: all United States air carriers and commercial OPERATORS; all persons exercising the privileges of an airman certificate issued by the FAA, except such persons operating United States registered aircraft for A foreign air CARRIER; and all operators of aircraft registered IN the united states, except where the operator of such aircraft IS A foreign air carrier. B. Planning. Those persons described IN paragraph A planning for and operating IN and around the Pyongyang Flight Information Region (ZKKP) east of 132 degrees east longitude must review current security/threat information and NOTAMS; and comply with all applicable FAA regulations, operations specifications, management specifications, and letters of authorization, including updating B450. C. Operations. Exercise caution during flight operations due to possible unannounced ballistic missile launches. Between march and April 2016, north Korea conducted unannounced launches of short range ballistic missiles into the sea

## ForeFlight Briefing History

of Japan. IN addition, North Korea has launched medium range ballistic missiles which have the ability to travel beyond 132 degrees East longitude (132 degrees East longitude IS the Eastern boundary of Special Federal Aviation Regulation (SFAR) 79). SFAR 79 prohibits the persons described IN paragraph A from flying IN the Pyongyang (ZKKP) Flight Information Region west of 132 degrees East longitude. IN addition, unannounced ballistic missile launches into the sea of Japan with potential ranges that extend beyond the SFAR 79 boundaries May occur. Those persons described IN paragraph A must report any observed rocket OR missile launches near the Korean peninsula to the FAA at AEO-CITEWATCH@FAA.Governor OR +1 202-267-3333 OR 1-844-412-1794. The justification for this advisory will be RE-evaluated by 27 May 2017.

Additional information IS provided at:

[http://WWW.FAA.Governor/AIR\\_TRAFFIC/publications/US\\_RESTRICTIONS/](http://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/). Surface - unlimited 27 May 10:55 2016 until 27 May 23:59 2017 estimated. Created: 27 May 11:06 2016

KICZ 16/A0011 KICZ 20160527110200 PERM Security..United States of America advisory for Korean peninsula Incheon (RKRR) flight information region (FIR) those persons described IN paragraph A below are advised to exercise caution when flying IN the Incheon (RKRR) Flight Information Region, especially near Seoul, South Korea, due to possible interference with, OR disruption of Global Positioning System navigation systems. A. Applicability. This NOTAM applies to: all United States air carriers and commercial OPERATORS; all persons exercising the privileges of an airman certificate issued by the FAA, except such persons operating U.S.-Registered aircraft for a foreign air CARRIER; and all operators of aircraft registered IN the United States, except where the operator of such aircraft IS a foreign air carrier. B. Planning. Those persons described IN paragraph A planning for and operating IN the Incheon Flight Information Region (RKRR) should be prepared to use non-Global Positioning System reliant NAVIGATION; must review current security/threat information and NOTAMS; and comply with all applicable FAA regulations, operations specifications (OPSPEC), management specifications (MSPEC), and letters of authorization (LOA), including updating OPSPEC/MSPEC/LOA B450. C. Operations. Exercise caution during flight operations as there have been reports of civil aircraft experiencing Global Positioning System navigation systems interference and/OR disruption. Between March and April 2016, aircraft operating IN the vicinity of Incheon International Airport (RKSI) experienced interference and/OR disruption similar to those experienced IN 2012. Those persons described IN paragraph A must report any Global Positioning System interference OR disruption to the FAA at AEO-CITEWATCH@FAA.Governor OR +1 202-267-3333 OR 1-844-412-1794. The justification for this advisory will be RE-evaluated by 27 May 2017. Additional information IS provided at: [http://WWW.FAA.Governor/AIR\\_TRAFFIC/publications/US\\_RESTRICTIONS/](http://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/). Surface - unlimited 27 May 11:02 2016 until 27 May 23:59 2017 estimated. Created: 27 May 11:06 2016

KICZ 16/A0002 KICZ 20160107183800 20180106235900 Security..United States of America flight prohibition against certain flights IN specified areas of the Sanaa (OYSC) flight information region (FIR) 14 CFR 91.1611 Special Federal Aviation Regulation (SFAR) no. 115 Prohibition against certain flights IN specified areas of the Sanaa (OYSC) flight information region (FIR) was published IN the Federal Register on 7 January 2016 and was effective immediately. SFAR no. 115 Supersedes KICZ NOTAM A0036/15 and continues the prohibition on United States civil flight operations IN specified areas of the Sanaa (OYSC) Flight Information Region that was contained IN KICZ NOTAM A0036/15. Additional information IS

## ForeFlight Briefing History

provided at: [https://WWW.FAA.Governor/AIR\\_TRAFFIC/publications/US\\_RESTRICTIONS/](https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/). Surface - unlimited, 07 January 18:38 2016 until 06 January 23:59 2018. Created: 07 January 19:26 2016

KICZ 16/A0001 KICZ 20160107183400 20180106235900 Security..United states of America flight prohibition against certain flights IN the territory and airspace of SOMALIA 14 CFR 91.1613 Special federal aviation regulation (SFAR) no. 107 Prohibition against certain flights IN the territory and airspace of SOMALIA was published IN the federal register on 7 January 2016 and was effective immediately. Amended SFAR no. 107 Supersedes KICZ NOTAM A0031/15 and incorporates the prohibition on United States civil flight operations IN the territory and airspace of SOMALIA at altitudes below flight level 260 that was contained IN KICZ NOTAM A0031/15 into SFAR 107. Additional information IS provided at: [https://WWW.FAA.Governor/AIR\\_TRAFFIC/publications/US\\_RESTRICTIONS/](https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/). Surface - flight level 259, 07 January 18:34 2016 until 06 January 23:59 2018. Created: 07 January 18:41 2016

KICZ 15/A0017 KICZ 20151118173500 PERM Security..United states of America flight prohibition against certain flights within the flight information region of the Democratic Peoples Republic of Korea. Special federal aviation regulation (SFAR) no. 79FLIGHT prohibition against certain flights within the flight information region of the Democratic Peoples Republic of Korea was published IN the federal register on 17 February 1998 and updated 17 April 1998. Flight Data Center (FDC) NOTAM 8/1167 IS cancelled. Additional information IS provided at: [https://WWW.FAA.Governor/AIR\\_TRAFFIC/publications/US\\_RESTRICTIONS/](https://WWW.FAA.Governor/AIR_TRAFFIC/publications/US_RESTRICTIONS/). Surface - unlimited ), 18 November 17:35 2015 until permanent. Created: 18 November 17:37 2015

MBGT 17/A0014 MBMC 20170123193100 PERM Airmen are advised MBMC aerodrome IS closed. 23 January 19:31 2017 until permanent. Created: 23 January 19:37 2017

MHTG 16/A0275 MHXX 20160215120000 PERM SSR MATA DE CANA certified. 15 February 12:00 2016 until permanent. Created: 14 February 22:11 2016

MHTG 16/C0170 MREL 20161219211600 PERM QFAXX Costa RICA,southeast AUTORIZA OPERACION DE AERODROMO privado DE USO AGRICOLA el PALMAR,con las siguientes CARACTERISTICAS: DESIGNADOR OACI: MREL coordenadas GEOGRAFICAS: 100157N 0844752W ORIENTACION DE pista: 02/19 dimensiones DE pista (METROS): 928.82 X 18 ELEVACION (METROS): 9.405 Sobre el NIVEL del March superficie DE pista: GRAMA USO: privado AGRICOLA HORARIO: HJ LOCALIZACION: provincia: PUNTARENAS Distrito 02 LA PITAHAYA TEMPERATURA media: 32 C. HJ, 19 December 21:16 2016 until permanent. Created: 01 January 18:55 2017

MUHA 17/A1319 MUXX 20170515160000 20170515230000 Airspace reservation will take place WI follow coordinate(s): 20° 06' North 075° 55' West 20° 06' North 075° 45' West 20° 05' North 075° 46' West 20° 04' North 075° 55' West to origin Point ( Alturas DE BONIATO/Santiago DE Cuba ) due paragliding flight. Surface - flight level 020, 15 May 16:00 2017 until 15 May 23:00 2017. Created: 14 May 20:42 2017

## ForeFlight Briefing History

MUHA 17/A1318 MUXX 20170515113000 20170515223000 Airspace reservation will take place WI follow coordinate(s): 20° 52' North 076° 17' West 20° 52' North 076° 15' West 20° 49' North 076° 15' West 20° 49' North 076° 17' West to origin Point ( ciudad Holguin/Holguin ) due airplane MODELING flight. Surface - flight level 017, 15 May 11:30 2017 until 15 May 22:30 2017. Created: 14 May 20:36 2017

MUHA 17/A1317 MUXX 20170515130000 20170515230000 Airspace reservation will take place WI follow coordinate(s): 23° 07' North 081° 18' West 23° 12' North 081° 07' West 23° 11' North 081° 06' West 23° 06' North 081° 18' West to origin Point ( peninsula hicacos/Matanzas ) due parachute jumping exercise. Surface - flight level 100, 15 May 13:00 2017 until 15 May 23:00 2017. Created: 14 May 20:26 2017

MYNN 16/B0024 MYXX 20161003153400 PERM Perimeter fence erected at farmers Cay 8 feet IN height on the approach end of runway 36 marked with checkered flag. 03 October 15:34 2016 until permanent. Created: 03 October 18:09 2016

MYNN 10/A0277 MYXX 20101022193000 PERM Reference MYCP (PITTS town AD) new width runway 10/28 at PITTS town 40 feet length 3,500 feet. 22 October 19:30 2010 until permanent. Created: 21 October 19:39 2010

MHTG 17/B0011 MZLH 20170412163000 20170711163000 Aerodrome closed due rehabilitation works. 12 April 16:30 2017 until 11 July 16:30 2017. Created: 12 April 16:32 2017

TTPP 17/A0183 TVSV 20170214040000 PERM E.T.Joshua aerodrome closed due establishment of new aerodrome ARGYLE international airport. 14 February 04:00 2017 until permanent. Created: 11 February 18:50 2017

\*\*\*\*\* Volcanic Ash Advisory \*\*\*\*\*

Advisory ID: 022

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Fri May 12 03:00:00 UTC 2017

Advisory Effective End Time: Wed May 17 05:12:00 UTC 2017

Advisory Text: ATCSCC ADVZY 022 DCC 05/12/2017 VOLCANIC ACTIVITY BULLETIN - SHEVELUCH 300270

FVFE01 RJTD 120300 WSI UKS:120302

VA ADVISORY

DTG: 20170512/0300Z

VAAC: TOKYO

VOLCANO: SHEVELUCH 300270

PSN: N5639 E16122

AREA: RUSSIA

SUMMIT ELEV: 3283M

ADVISORY NR: 2017/271

INFO SOURCE: HIMAWARI-8 KVERT

ForeFlight Briefing History

AVIATION COLOUR CODE: NIL

ERUPTION DETAILS: VA CONTINUOUSLY OBS ON SATELLITE IMAGERY

OBS VA DTG: 12/0220Z

OBS VA CLD: SFC/FL430 N5755 E15558 - N5920 E15843 - N5615 E16052 -  
N5512 E15931 MOV NW 20KT

FCST VA CLD +6 HR: 12/0820Z SFC/FL440 N5853 E16012 - N5732 E15915 -  
N5441 E15940 - N5354 E15651 - N5410 E15418 - N5613 E15430 - N5731  
E15403 - N5857 E15819

FCST VA CLD +12 HR: 12/1420Z SFC/FL440 N5826 E15927 - N5536 E15858 -

N5345 E15808 - N5118 E15022 - N5454 E15151 - N5613 E15106

FCST VA CLD +18 HR: 12/2020Z SFC/FL440 N5816 E16017 - N5310 E15805 -

N4843 E15115 - N4833 E14903 - N5319 E15013 - N5537 E14924 - N5609  
E15611

RMK: T+0 CONFIDENCE LOW. SOME PART OF VA OBSCURED BY MET CLOUD.

NXT ADVISORY: 20170512/0600Z=

1705120300-1705120600

Advisory ID: 025

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Fri May 12 04:30:00 UTC 2017

Advisory Effective End Time: Wed May 17 05:12:00 UTC 2017

Advisory Text: ATCSCC ADVZY 025 DCC 05/12/2017 VOLCANIC ACTIVITY BULLETIN -  
SAKURAJIMA (AIRA

CALDERA) 282080

FVFE01 RJTD 120423 WSI UKS:120425

VA ADVISORY

DTG: 20170512/0423Z

VAAC: TOKYO

VOLCANO: SAKURAJIMA (AIRA CALDERA) 282080

PSN: N3136 E13039

AREA: JAPAN

SUMMIT ELEV: 1117M

ADVISORY NR: 2017/49

INFO SOURCE: HIMAWARI-8 JMA

AVIATION COLOUR CODE: NIL

ERUPTION DETAILS: EXPLODED AT 20170512/0412Z OVER FL050 EXTD NE

OBS VA DTG: 12/0410Z

OBS VA CLD: VA NOT IDENTIFIABLE FM SATELLITE DATA WIND FL180  
240/45KT

FCST VA CLD +6 HR: NOT AVBL

FCST VA CLD +12 HR: NOT AVBL

FCST VA CLD +18 HR: NOT AVBL

ForeFlight Briefing History

RMK: WE WILL ISSUE FURTHER ADVISORY IF VA IS DETECTED IN SATELLITE IMAGERY.

1705120430-1705121630

NXT ADVISORY: NO FURTHER ADVISORIES=

Advisory ID: 031

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Fri May 12 09:00:00 UTC 2017

Advisory Effective End Time: Wed May 17 05:12:00 UTC 2017

Advisory Text: ATCSCC ADVZY 031 DCC 05/12/2017 VOLCANIC ACTIVITY BULLETIN - SHEVELUCH 300270

FVFE01 RJTD 120900 WSI UKS:120902

VA ADVISORY

DTG: 20170512/0900Z

VAAC: TOKYO

VOLCANO: SHEVELUCH 300270

PSN: N5639 E16122

AREA: RUSSIA

SUMMIT ELEV: 3283M

ADVISORY NR: 2017/273

INFO SOURCE: HIMAWARI-8

AVIATION COLOUR CODE: NIL

ERUPTION DETAILS: VA CONTINUOUSLY OBS ON SATELLITE IMAGERY

OBS VA DTG: 12/0820Z

OBS VA CLD: SFC/FL430 N5525 E15925 - N5924 E15844 - N5829 E15628 -

N5512 E15658 MOV SW 20KT

FCST VA CLD +6 HR: 12/1420Z SFC/FL450 N5911 E15932 - N5425 E15857 -

N5221 E15224 - N5634 E15423

FCST VA CLD +12 HR: 12/2020Z SFC/FL450 N5802 E16044 - N5338 E15802 -

N4851 E14941 - N5511 E15144

FCST VA CLD +18 HR: 13/0220Z SFC/FL450 N5707 E16143 - N4456 E15054 -

N4657 E14919 - N5404 E15012 - N5709 E15859

RMK: T+0 CONFIDENCE LOW. SOME PART OF VA OBSCURED BY MET CLOUD.

NXT ADVISORY: 20170512/1200Z=

1705120900-1705121200

Advisory ID: 043

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Fri May 12 12:00:00 UTC 2017

Advisory Effective End Time: Wed May 17 05:12:00 UTC 2017

Advisory Text: ATCSCC ADVZY 043 DCC 05/12/2017 VOLCANIC ACTIVITY BULLETIN - SHEVELUCH 300270



ForeFlight Briefing History

FVFE01 RJTD 121200 WSI UKS:121201

VA ADVISORY

DTG: 20170512/1200Z

VAAC: TOKYO

VOLCANO: SHEVELUCH 300270

PSN: N5639 E16122

AREA: RUSSIA

SUMMIT ELEV: 3283M

ADVISORY NR: 2017/274

INFO SOURCE: HIMAWARI-8

AVIATION COLOUR CODE: NIL

ERUPTION DETAILS: VA CONTINUOUSLY OBS ON SATELLITE IMAGERY

OBS VA DTG: 12/1120Z

OBS VA CLD: SFC/FL430 N5424 E15838 - N5441 E15649 - N5358 E15441 -

N5659 E15540 - N5817 E15800 - N5729 E15936 MOV SW 20KT

FCST VA CLD +6 HR: 12/1720Z SFC/FL440 N5642 E15921 - N5318 E15822 -

N5053 E15102 - N5528 E15336 - N5749 E15815

FCST VA CLD +12 HR: 12/2320Z SFC/FL450 N5637 E15937 - N5147 E15654 -

N4651 E14943 - N5346 E15123 - N5637 E15733

FCST VA CLD +18 HR: 13/0520Z SFC/FL440 N5600 E15911 - N4550 E15525 -

N4314 E15230 - N4422 E14942 - N5206 E15019

RMK: T+0 CONFIDENCE LOW. SOME PART OF VA OBSCURED BY MET CLOUD.

NXT ADVISORY: 20170512/1500Z=

1705121200-1705121500

Advisory ID: 060

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Fri May 12 18:01:00 UTC 2017

Advisory Effective End Time: Wed May 17 05:12:00 UTC 2017

Advisory Text: ATCSCC ADVZY 060 DCC 05/12/2017 VOLCANIC ACTIVITY BULLETIN - SHEVELUCH 300270

FVFE01 RJTD 121800 WSI UKS:121801

VA ADVISORY

DTG: 20170512/1800Z

VAAC: TOKYO

VOLCANO: SHEVELUCH 300270

PSN: N5639 E16122

AREA: RUSSIA

SUMMIT ELEV: 3283M

ADVISORY NR: 2017/276

INFO SOURCE: HIMAWARI-8

AVIATION COLOUR CODE: NIL

ERUPTION DETAILS: VA CONTINUOUSLY OBS ON SATELLITE IMAGERY

ForeFlight Briefing History

OBS VA DTG: 12/1720Z

OBS VA CLD: SFC/FL430 N5358 E15833 - N5143 E15446 - N5212 E15152 -  
N5523 E15432 - N5722 E15812 - N5439 E15715 MOV SW 30KT

FCST VA CLD +6 HR: 12/2320Z SFC/FL440 N5639 E15847 - N5250 E15751 -  
N4841 E15423 - N4808 E15033 - N5402 E15323

FCST VA CLD +12 HR: 13/0520Z SFC/FL440 N5609 E15903 - N5201 E15651 -

N4449 E15628 - N4336 E15037 - N5234 E15142

FCST VA CLD +18 HR: 13/1120Z SFC/FL440 N5015 E15657 - N4416 E15919 -

N3837 E16536 - N3933 E15509 - N4309 E15021 - N5139 E15118 - N5518  
E15845

RMK: T+0 CONFIDENCE LOW. EASTERN PART OF VA OBSCURED BY MET CLOUD.

NXT ADVISORY: 20170512/2100Z=

1705121801-1705122100

Advisory ID: 073

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Fri May 12 20:45:00 UTC 2017

Advisory Effective End Time: Wed May 17 05:13:00 UTC 2017

Advisory Text: ATCSCC ADVZY 073 DCC 05/12/2017 VOLCANIC ACTIVITY BULLETIN -  
TURRIALBA 345070

FVXX21 KNES 122108 WSI DDS:122110

VA ADVISORY

DTG: 20170512/2108Z

VAAC: WASHINGTON

VOLCANO: TURRIALBA 345070

PSN: N1001 W08346

AREA: COSTA.RICA

SUMMIT ELEV: 10958 FT (3340 M)

ADVISORY NR: 2017/138

INFO SOURCE: GOES-EAST. GFS WINDS. VOLCANO WEB  
CAMERA.

ERUPTION DETAILS: ONGOING VA EMS PSBL

OBS VA DTG: 12/2045Z

OBS VA CLD: VA NOT IDENTIFIABLE FROM SATELLITE

ForeFlight Briefing History

DATA WINDS SFC/FL150 090/5KT

FCST VA CLD +6HR: 13/0300Z

FCST VA CLD +12HR: 13/0900Z

FCST VA CLD +18HR: 13/1500Z

RMK: T+0 CONFIDENCE LOW. VA NOT OBSERVED IN STLT  
OR IN WEBCAM DUE TO WX CLDS. ONGOING LGT VA EMS  
PSBL. MODELS SUPPORT ASH MOV W FM SUMMIT AT 5KTS  
BELOW FL150. ...RAMIREZ

NXT ADVISORY: WILL BE ISSUED BY 20170513/0315Z  
1705122045-1705130315

Advisory ID: 074

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Fri May 12 21:08:00 UTC 2017

Advisory Effective End Time: Wed May 17 05:13:00 UTC 2017

Advisory Text: ATCSCC ADVZY 074 DCC 05/12/2017 VOLCANIC ACTIVITY BULLETIN -  
TURRIALBA

FVXX21 KNES 122108 WSI UKS:122113

VA ADVISORY

DTG: 20170512/2108Z

VAAC: WASHINGTON

VOLCANO: TURRIALBA

345070

PSN: N1001 W08346

AREA: COSTA.RICA

SUMMIT ELEV: 10958 FT (3340

M)

ADVISORY NR: 2017/138

INFO SOURCE: GOES-EAST. GFS WINDS. VOLCANO  
WEB

CAMERA.

ERUPTION DETAILS: ONGOING VA EMS PSBL

OBS VA DTG:

12/2045Z

OBS VA CLD: VA NOT IDENTIFIABLE FROM SATELLITE

DATA WINDS

SFC/FL150 090/5KT

FCST VA CLD +6HR: 13/0300Z

FCST VA CLD +12HR:

13/0900Z

ForeFlight Briefing History

FCST VA CLD +18HR: 13/1500Z  
RMK: T+0 CONFIDENCE LOW. VA NOT  
OBSERVED IN STLT  
OR IN WEBCAM DUE TO WX CLDS. ONGOING LGT VA EMS  
PSBL.  
MODELS SUPPORT ASH MOV W FM SUMMIT AT 5KTS  
BELOW FL150. ...RAMIREZ  
NXT  
ADVISORY: WILL BE ISSUED BY 20170513/0315Z  
1705122108-1705130315

Advisory ID: 019  
Affected Location: None  
Reporting ARTCC: DCC  
Advisory Effective Start Time: Sat May 13 03:00:00 UTC 2017  
Advisory Effective End Time: Wed May 17 05:13:00 UTC 2017  
Advisory Text: ATCSCC ADVZY 019 DCC 05/13/2017 VOLCANIC ACTIVITY BULLETIN -  
SHEVELUCH 300270  
FVFE01 RJTD 130300 WSI UKS:130302  
VA ADVISORY  
DTG: 20170513/0300Z  
VAAC: TOKYO  
VOLCANO: SHEVELUCH 300270  
PSN: N5639 E16122  
AREA: RUSSIA  
SUMMIT ELEV: 3283M  
ADVISORY NR: 2017/279  
INFO SOURCE: HIMAWARI-8 UHPP  
AVIATION COLOUR CODE: NIL  
ERUPTION DETAILS: ERUPTIVE ACTIVITY CONTINUING  
OBS VA DTG: 13/0220Z  
OBS VA CLD: SFC/FL430 N4657 E15455 - N4630 E15336 - N4801 E15250 -  
N5142 E15345 - N5433 E15611 - N5141 E15645 - N4922 E15515 MOV S 30KT  
FCST VA CLD +6 HR: 13/0820Z SFC/FL440 N5339 E15737 - N4638 E15723 -  
N4115 E16115 - N4056 E15630 - N4450 E15218 - N5240 E15327  
FCST VA CLD +12 HR: 13/1420Z SFC/FL430 N4104 E16413 - N3918 E17013 -  
  
N3751 E17152 - N3659 E16421 - N3820 E15731 - N4317 E15207 - N5026  
E15202 - N5241 E15730 - N4538 E15954  
FCST VA CLD +18 HR: 13/2020Z SFC/FL420 N3917 E17149 - N4337 E17336 -  
  
N4019 E17846 - N3516 E17117 - N3522 E15957 - N4022 E15316 - N4819  
E15044 - N5149 E15711 - N4238 E16402  
RMK: T+0 CONFIDENCE LOW. EASTERN PART OF VA OBSCURED BY MET CLOUD.  
NXT ADVISORY: 20170513/0600Z=  
1705130300-1705130600

ForeFlight Briefing History

Advisory ID: 018  
Affected Location: None  
Reporting ARTCC: DCC  
Advisory Effective Start Time: Sat May 13 03:00:00 UTC 2017  
Advisory Effective End Time: Wed May 17 05:13:00 UTC 2017  
Advisory Text: ATCSCC ADVZY 018 DCC 05/13/2017 VOLCANIC ACTIVITY BULLETIN -  
TURRIALBA 345070  
FVXX21 KNES 130258 WSI UKS:130302  
VA ADVISORY  
DTG: 20170513/0258Z

VAAC: WASHINGTON

VOLCANO: TURRIALBA 345070  
PSN: N1001 W08346

AREA: COSTA RICA

SUMMIT ELEV: 10958 FT (3340 M)

ADVISORY NR: 2017/139

INFO SOURCE: GOES-EAST. VOLCANO WEB CAMERA.  
OVSICORI-UNA.

ERUPTION DETAILS: PREVIOUS VA EMS

OBS VA DTG: 13/0245Z

OBS VA CLD: VA NOT IDENTIFIABLE FROM SATELLITE  
DATA.

FCST VA CLD +6HR: NO VA EXP

FCST VA CLD +12HR: NO VA EXP

FCST VA CLD +18HR: NO VA EXP

RMK: NO VA IS OBSERVED IN IMAGERY OR WEBCAM  
ALTHOUGH THERE ARE EXTENSIVE WX CLOUDS IN THE  
AREA. THERE HAVE BEEN NO NEW REPORTS OF VA FROM  
OVSICORI-UNA. ...SCHWARTZ

NXT ADVISORY: NO FURTHER ADVISORIES  
1705130300-1705130900

ForeFlight Briefing History

Advisory ID: 017  
Affected Location: None  
Reporting ARTCC: DCC  
Advisory Effective Start Time: Sat May 13 03:00:00 UTC 2017  
Advisory Effective End Time: Wed May 17 05:13:00 UTC 2017  
Advisory Text: ATCSCC ADVZY 017 DCC 05/13/2017 VOLCANIC ACTIVITY BULLETIN -  
TURRIALBA 345070  
FVXX21 KNES 130258 WSI DDS:130300  
VA ADVISORY  
DTG: 20170513/0258Z

VAAC: WASHINGTON

VOLCANO: TURRIALBA 345070  
PSN: N1001 W08346

AREA: COSTA RICA

SUMMIT ELEV: 10958 FT (3340 M)

ADVISORY NR: 2017/139

INFO SOURCE: GOES-EAST. VOLCANO WEB CAMERA.  
OVSICORI-UNA.

ERUPTION DETAILS: PREVIOUS VA EMS

OBS VA DTG: 13/0245Z

OBS VA CLD: VA NOT IDENTIFIABLE FROM SATELLITE  
DATA.

FCST VA CLD +6HR: NO VA EXP

FCST VA CLD +12HR: NO VA EXP

FCST VA CLD +18HR: NO VA EXP

RMK: NO VA IS OBSERVED IN IMAGERY OR WEBCAM  
ALTHOUGH THERE ARE EXTENSIVE WX CLOUDS IN THE  
AREA. THERE HAVE BEEN NO NEW REPORTS OF VA FROM  
OVSICORI-UNA. ...SCHWARTZ

NXT ADVISORY: NO FURTHER ADVISORIES  
1705130300-1705130900

## ForeFlight Briefing History

Advisory ID: 020  
Affected Location: None  
Reporting ARTCC: DCC  
Advisory Effective Start Time: Sat May 13 03:00:00 UTC 2017  
Advisory Effective End Time: Wed May 17 05:13:00 UTC 2017  
Advisory Text: ATCSCC ADVZY 020 DCC 05/13/2017 VOLCANIC ACTIVITY BULLETIN - SHEVELUCH 300270  
FVFE01 RJTD 130345 WSI UKS:130347  
VA ADVISORY  
DTG: 20170513/0345Z  
VAAC: TOKYO  
VOLCANO: SHEVELUCH 300270  
PSN: N5639 E16122  
AREA: RUSSIA  
SUMMIT ELEV: 3283M  
ADVISORY NR: 2017/280  
INFO SOURCE: HIMAWARI-8 UHPP  
AVIATION COLOUR CODE: NIL  
ERUPTION DETAILS: VA AT 20170513/0235Z FL200 EXTD W MOV 30KT REPORTED

OBS VA DTG: 13/0310Z  
OBS VA CLD: SFC/FL430 N4724 E15513 - N4547 E15402 - N4740 E15302 - N5216 E15413 - N5417 E15610 - N5133 E15658 - N4933 E15519 MOV S 30KT

SFC/FL250 N5638 E16121 - N5633 E16102 - N5640 E16104 - N5644 E16120  
MOV SW 30KT  
FCST VA CLD +6 HR: 13/0910Z SFC/FL430 N4618 E15804 - N4028 E16205 - N4030 E15741 - N4326 E15326 - N5128 E15244 - N5338 E15712 SFC/FL230 N5557 E15942 - N5448 E15924 - N5454 E15736  
FCST VA CLD +12 HR: 13/1510Z SFC/FL420 N3924 E16728 - N3938 E17108 -

N3817 E17312 - N3632 E16715 - N3805 E15753 - N4220 E15256 - N4942 E15112 - N5226 E15709 - N4424 E16100 SFC/FL220 N5522 E15858 - N5310 E15702 - N5325 E15451  
FCST VA CLD +18 HR: 13/2110Z SFC/FL420 N3904 E17211 - N4423 E17343 -

N4023 E17925 - N3457 E17059 - N3501 E16205 - N3948 E15327 - N4802 E15016 - N5124 E15735 - N4238 E16419 SFC/FL210 N5414 E15740 - N5117 E15503 - N5214 E15247  
RMK: T+0 CONFIDENCE LOW. EASTERN PART OF VA(FL430) OBSCURED BY MET CLOUD. NEW VA OBS SATELLITE IMAGERY.  
NXT ADVISORY: 20170513/0600Z=  
1705130300-1705130600

## ForeFlight Briefing History

Advisory ID: 022

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sat May 13 06:00:00 UTC 2017

Advisory Effective End Time: Wed May 17 05:13:00 UTC 2017

Advisory Text: ATCSCC ADVZY 022 DCC 05/13/2017 VOLCANIC ACTIVITY BULLETIN - SHEVELUCH 300270

FVFE01 RJTD 130600 WSI UKS:130602

VA ADVISORY

DTG: 20170513/0600Z

VAAC: TOKYO

VOLCANO: SHEVELUCH 300270

PSN: N5639 E16122

AREA: RUSSIA

SUMMIT ELEV: 3283M

ADVISORY NR: 2017/281

INFO SOURCE: HIMAWARI-8

AVIATION COLOUR CODE: NIL

ERUPTION DETAILS: VA CONTINUOUSLY OBS ON SATELLITE IMAGERY

OBS VA DTG: 13/0520Z

OBS VA CLD: SFC/FL430 N4244 E15917 - N4552 E15421 - N4939 E15325 -

N5326 E15518 - N5157 E15756 - N4852 E15552 - N4626 E15608 - N4252

E15926 MOV SE 55KT SFC/FL250 N5616 E15957 - N5622 E16130 - N5610

E16130 - N5601 E15946 MOV SW 25KT

FCST VA CLD +6 HR: 13/1120Z SFC/FL430 N4156 E16226 - N4013 E16723 -

N3845 E16746 - N3952 E15815 - N4438 E15303 - N5225 E15401 - N5102

E15836 - N4618 E15839 SFC/FL250 N5541 E15933 - N5421 E16032 - N5434

E15658 - N5537 E15757

FCST VA CLD +12 HR: 13/1720Z SFC/FL420 N3933 E16819 - N4326 E17240 -

N3852 E17516 - N3613 E16706 - N3814 E15647 - N4421 E15225 - N5055

E15306 - N5015 E15846 - N4355 E16154 SFC/FL230 N5500 E15832 - N5350

E15729 - N5247 E15838 - N5312 E15532 - N5420 E15451

FCST VA CLD +18 HR: 13/2320Z SFC/FL420 N4546 E17317 - N4126 W17855 -

N3458 E17254 - N3501 E16236 - N4049 E15153 - N4936 E15211 - N4901

E15957 - N4507 E16222 SFC/FL210 N5358 E15739 - N5211 E15533 - N5047

E15655 - N5151 E15418 - N5341 E15357

RMK: T+0 CONFIDENCE LOW. SOME PART OF VA OBSCURED BY MET CLOUD.

NXT ADVISORY: 20170513/0900Z=

1705130600-1705130900

Advisory ID: 023

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sat May 13 07:09:00 UTC 2017



ForeFlight Briefing History

Advisory Effective End Time: Wed May 17 05:13:00 UTC 2017  
Advisory Text: ATCSCC ADVZY 023 DCC 05/13/2017 VOLCANIC ACTIVITY BULLETIN - SHEVELUCH 300270  
FVFE01 RJTD 130709 WSI UKS:130711  
VA ADVISORY  
DTG: 20170513/0709Z  
VAAC: TOKYO  
VOLCANO: SHEVELUCH 300270  
PSN: N5639 E16122  
AREA: RUSSIA  
SUMMIT ELEV: 3283M  
ADVISORY NR: 2017/282  
INFO SOURCE: HIMAWARI-8 KBGS  
AVIATION COLOUR CODE: NIL  
ERUPTION DETAILS: ERUPTION AT 20170513/0548Z FL200 EXTD W REPORTED  
OBS VA DTG: 13/0630Z  
OBS VA CLD: SFC/FL430 N4210 E16046 - N4157 E16019 - N4424 E15555 - N4836 E15316 - N5336 E15527 - N5135 E15735 - N4740 E15608 - N4456 E15720 MOV SE 60KT SFC/FL250 N5609 E16149 - N5552 E16129 - N5543 E15935 - N5608 E16010 MOV SW 25KT SFC/FL200 N5637 E16121 - N5632 E16102 - N5640 E16105 - N5642 E16120 MOV W 25KT  
FCST VA CLD +6 HR: 13/1230Z SFC/FL430 N4105 E16342 - N4032 E16834 - N3827 E16914 - N3912 E15923 - N4400 E15336 - N5217 E15335 - N5202 E15757 - N4535 E15930 SFC/FL250 N5525 E15941 - N5405 E16026 - N5423 E15649 - N5520 E15813 SFC/FL180 N5608 E15944 - N5550 E16007 - N5455 E15844 - N5516 E15805  
FCST VA CLD +12 HR: 13/1830Z SFC/FL430 N3950 E16848 - N4418 E17218 - N3804 E17741 - N3558 E16513 - N3924 E15458 - N4939 E15059 - N5134 E15732 - N4403 E16220 SFC/FL240 N5449 E15807 - N5225 E15826 - N5253 E15528 - N5354 E15453 SFC/FL170 N5534 E15927 - N5418 E15757 - N5343 E15612 - N5434 E15623  
FCST VA CLD +18 HR: 14/0030Z SFC/FL420 N4606 E17421 - N4237 W17736 - N3442 E17435 - N3446 E16156 - N4202 E15126 - N4909 E15232 - N4938 E15841 - N4506 E16248 SFC/FL220 N5349 E15737 - N5032 E15609 - N5132 E15416 - N5334 E15358  
RMK: T+0 CONFIDENCE LOW. SOME PART OF VA(FL430) OBSCURED BY MET CLOUD. NEW VA OBS SATELLITE IMAGERY.  
NXT ADVISORY: 20170513/0900Z=  
1705130709-1705130900

Advisory ID: 027  
Affected Location: None  
Reporting ARTCC: DCC  
Advisory Effective Start Time: Sat May 13 09:00:00 UTC 2017

ForeFlight Briefing History

Advisory Effective End Time: Wed May 17 05:13:00 UTC 2017

Advisory Text: ATCSCC ADVZY 027 DCC 05/13/2017 VOLCANIC ACTIVITY BULLETIN - SHEVELUCH 300270

FVFE01 RJTD 130900 WSI UKS:130902

VA ADVISORY

DTG: 20170513/0900Z

VAAC: TOKYO

VOLCANO: SHEVELUCH 300270

PSN: N5639 E16122

AREA: RUSSIA

SUMMIT ELEV: 3283M

ADVISORY NR: 2017/283

INFO SOURCE: HIMAWARI-8

AVIATION COLOUR CODE: NIL

ERUPTION DETAILS: VA CONTINUOUSLY OBS ON SATELLITE IMAGERY

OBS VA DTG: 13/0820Z

OBS VA CLD: SFC/FL430 N5313 E15557 - N5235 E15827 - N4718 E15653 -

N4126 E16203 - N4119 E16033 - N4654 E15512 MOV SE 40KT SFC/FL250

N5531 E15905 - N5532 E15902 - N5549 E16208 - N5540 E16207 - N5518

E15904 MOV SW 20KT SFC/FL200 N5612 E15954 - N5624 E16014 - N5614

E16019 - N5600 E16001 MOV SW 30KT

FCST VA CLD +6 HR: 13/1420Z SFC/FL430 N5147 E15838 - N4502 E16125 -

N3808 E17050 - N3813 E16349 - N4429 E15511 - N5139 E15249 SFC/FL250

N5459 E16006 - N5354 E16018 - N5346 E15835 - N5337 E15654 - N5442

E15635 - N5451 E15820 SFC/FL200 N5546 E15904 - N5447 E15917 - N5439

E15734 - N5537 E15717

FCST VA CLD +12 HR: 13/2020Z SFC/FL430 N4850 E16009 - N4249 E16453 -

N4356 E17242 - N4000 E17834 - N3658 E17041 - N3551 E16404 - N4403

E15152 - N5027 E15312 - N5105 E15933 SFC/FL240 N5405 E15801 - N5211

E15829 - N5202 E15655 - N5152 E15522 - N5344 E15444 - N5355 E15622

SFC/FL180 N5507 E15837 - N5355 E15854 - N5346 E15720 - N5337 E15547

- N5448 E15524 - N5458 E15700

FCST VA CLD +18 HR: 14/0220Z SFC/FL420 N4549 E16224 - N4134 E16828 -

N4619 E16857 - N4439 W17912 - N3856 E17902 - N3526 E17237 - N3638

E15706 - N4859 E15041 - N4952 E15957 SFC/FL220 N5335 E15728 - N5250

E15723 - N5154 E15535 - N5038 E15605 - N5005 E15424 - N5135 E15353 -

N5329 E15408

RMK: T+0 CONFIDENCE LOW. SOME PART OF VA OBSCURED BY MET CLOUD.

NXT ADVISORY: 20170513/1200Z=

1705130900-1705131200

Advisory ID: 033

Affected Location: None

ForeFlight Briefing History

Reporting ARTCC: DCC

Advisory Effective Start Time: Sat May 13 10:32:00 UTC 2017

Advisory Effective End Time: Wed May 17 05:13:00 UTC 2017

Advisory Text: ATCSCC ADVZY 033 DCC 05/13/2017 VOLCANIC ACTIVITY BULLETIN - SAKURAJIMA (AIRA

CALDERA) 282080

FVFE01 RJTD 131026 WSI UKS:131028

VA ADVISORY

DTG: 20170513/1026Z

VAAC: TOKYO

VOLCANO: SAKURAJIMA (AIRA CALDERA) 282080

PSN: N3136 E13039

AREA: JAPAN

SUMMIT ELEV: 1117M

ADVISORY NR: 2017/50

INFO SOURCE: HIMAWARI-8 JMA

AVIATION COLOUR CODE: NIL

ERUPTION DETAILS: ERUPTED AT 20170513/1014Z FL070 EXTD SE

OBS VA DTG: 13/1010Z

OBS VA CLD: VA NOT IDENTIFIABLE FM SATELLITE DATA WIND FL070 290/13KT

FCST VA CLD +6 HR: NOT AVBL

FCST VA CLD +12 HR: NOT AVBL

FCST VA CLD +18 HR: NOT AVBL

RMK: WE WILL ISSUE FURTHER ADVISORY IF VA IS DETECTED IN SATELLITE IMAGERY.

NXT ADVISORY: NO FURTHER ADVISORIES

1705131032-1705131630

Advisory ID: 043

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sat May 13 12:05:00 UTC 2017

Advisory Effective End Time: Wed May 17 05:13:00 UTC 2017

Advisory Text: ATCSCC ADVZY 043 DCC 05/13/2017 VOLCANIC ACTIVITY BULLETIN - SHEVELUCH 300270

FVFE01 RJTD 131200 WSI UKS:131202

VA ADVISORY

DTG: 20170513/1200Z

VAAC: TOKYO

VOLCANO: SHEVELUCH 300270

PSN: N5639 E16122

AREA: RUSSIA

SUMMIT ELEV: 3283M

ADVISORY NR: 2017/284

ForeFlight Briefing History

INFO SOURCE: HIMAWARI-8

AVIATION COLOUR CODE: NIL

ERUPTION DETAILS: VA CONTINUOUSLY OBS ON SATELLITE IMAGERY

OBS VA DTG: 13/1120Z

OBS VA CLD: SFC/FL430 N5244 E15529 - N5217 E15855 - N4738 E15731 -  
N4116 E16306 - N4713 E15425 MOV SE 40KT SFC/FL250 N5437 E15816 -  
N5517 E16111 - N5509 E16302 - N5459 E16257 - N5456 E16105 - N5428  
E15818 MOV S 20KT SFC/FL200 N5534 E15815 - N5537 E15837 - N5526  
E15838 - N5525 E15817 MOV SW 30KT

FCST VA CLD +6 HR: 13/1720Z SFC/FL430 N4608 E16026 - N3844 E17047 -  
N3901 E16333 - N4447 E15412 - N5125 E15448 - N5142 E15946 SFC/FL250  
N5418 E16053 - N5253 E16107 - N5229 E15620 - N5352 E15555 SFC/FL180  
N5503 E15741 - N5425 E15752 - N5416 E15619 - N5454 E15607  
FCST VA CLD +12 HR: 13/2320Z SFC/FL430 N4548 E16154 - N4148 E17709 -

N3618 E17601 - N3656 E16556 - N4310 E15247 - N4928 E15346 - N5026  
E16015 SFC/FL230 N5334 E15816 - N5053 E15853 - N5028 E15508 - N5307  
E15414 SFC/FL170 N5437 E15719 - N5348 E15733 - N5335 E15526 - N5423  
E15510  
FCST VA CLD +18 HR: 14/0520Z SFC/FL420 N4307 E16606 - N4634 E17105 -

N4501 W17728 - N3503 E17925 - N3608 E15954 - N4548 E15010 - N4936  
E16006 SFC/FL220 N5315 E15804 - N4845 E15636 - N4826 E15413 - N5237  
E15241

RMK: T+0 CONFIDENCE LOW. SOME PART OF VA OBSCURED BY MET CLOUD.

NXT ADVISORY: 20170513/1500Z

1705131205-1705131500

Advisory ID: 044

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sat May 13 12:10:00 UTC 2017

Advisory Effective End Time: Wed May 17 05:13:00 UTC 2017

Advisory Text: ATCSCC ADVZY 044 DCC 05/13/2017 VOLCANIC ACTIVITY BULLETIN -  
SHEVELUCH 300270

FVAK21 PAWU 131206 WSI DDS:131206

VAAAK1

VA ADVISORY

DTG: 20170513/1203Z

VAAC: ANCHORAGE

VOLCANO: SHEVELUCH 300270

PSN: N5639 E16122

ForeFlight Briefing History

AREA: KAMCHATKA PENINSULA

SUMMIT ELEV: 10771 FT (3283 M)

ADVISORY NR: 2017/031

RMK: PLEASE SEE FVFE01 RJTD ISSUED BY TOKYO VAAC WHICH DESCRIBES  
CONDITIONS NEAR THE ANCHORAGE VAAC AREA OF RESPONSIBILITY

DH MAY 2017 AAWU  
1705131210-1705131810

Advisory ID: 046  
Affected Location: None  
Reporting ARTCC: DCC  
Advisory Effective Start Time: Sat May 13 12:12:00 UTC 2017  
Advisory Effective End Time: Wed May 17 05:13:00 UTC 2017  
Advisory Text: ATCSCC ADVZY 046 DCC 05/13/2017 VOLCANIC ACTIVITY BULLETIN -  
SHEVELUCH 300270  
FVAK21 PAWU 131206 WSI UKS:131211  
VAAAK1  
VA ADVISORY

DTG: 20170513/1203Z

VAAC: ANCHORAGE

VOLCANO: SHEVELUCH 300270

PSN: N5639 E16122

AREA: KAMCHATKA PENINSULA

SUMMIT ELEV: 10771 FT (3283 M)

ADVISORY NR: 2017/031

RMK: PLEASE SEE FVFE01 RJTD ISSUED BY TOKYO VAAC WHICH DESCRIBES  
CONDITIONS NEAR THE ANCHORAGE VAAC AREA OF RESPONSIBILITY

DH MAY 2017 AAWU

ForeFlight Briefing History

1705131212-1705131812

Advisory ID: 055

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sat May 13 13:56:00 UTC 2017

Advisory Effective End Time: Wed May 17 05:13:00 UTC 2017

Advisory Text: ATCSCC ADVZY 055 DCC 05/13/2017 VOLCANIC ACTIVITY BULLETIN - MASAYA

344100

FVXX20 KNES 131356 WSI DDS:131357

VA ADVISORY

DTG: 20170513/1356Z

VAAC: WASHINGTON

VOLCANO: MASAYA 344100

PSN: N1158 W08609

AREA: NICARAGUA

SUMMIT ELEV: 2083 FT (635 M)

ADVISORY NR: 2017/006

INFO SOURCE: GOES-EAST. PILOT REPORT. GFS WINDS.

ERUPTION DETAILS: PILOT REPORT AND VA OBS IN STLT IMAGERY NEAR 1145Z

OBS VA DTG: 13/1315Z

OBS VA CLD:

FCST VA CLD +6HR: 13/1930Z

FCST VA CLD +12HR: 14/0130Z

FCST VA CLD +18HR: 14/0730Z

RMK: ...FISHER

NXT ADVISORY: WILL BE ISSUED BY 20170513/2000Z  
1705131356-1705132000

Advisory ID: 048

# ForeFlight Briefing History

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sat May 13 13:59:00 UTC 2017

Advisory Effective End Time: Wed May 17 05:13:00 UTC 2017

Advisory Text: ATCSCC ADVZY 048 DCC 05/13/2017 VOLCANIC ACTIVITY BULLETIN - SHEVELUCH 300270

FVFE01 RJTD 131255 WSI UKS:131257

VA ADVISORY

DTG: 20170513/1255Z

VAAC: TOKYO

VOLCANO: SHEVELUCH 300270

PSN: N5639 E16122

AREA: RUSSIA

SUMMIT ELEV: 3283M

ADVISORY NR: 2017/285

INFO SOURCE: HIMAWARI-8 KVERT

AVIATION COLOUR CODE: NIL

ERUPTION DETAILS: ERUPTION AT 20170513/1140Z FL140 REPORTED

OBS VA DTG: 13/1210Z

OBS VA CLD: SFC/FL430 N5123 E15624 - N5013 E15854 - N4723 E15751 -

N4015 E16442 - N4704 E15618 MOV SE 40KT SFC/FL250 N5525 E15746 -

N5531 E15813 - N5446 E15908 - N5523 E16217 - N5445 E16250 - N5427

E15904 MOV S 20KT SFC/FL140 N5632 E16058 - N5639 E16119 - N5635

E16118 - N5628 E16102 MOV SW 25KT

FCST VA CLD +6 HR: 13/1810Z SFC/FL430 N4528 E16105 - N3928 E17254 -

N3844 E16506 - N4358 E15628 - N4931 E15409 - N5001 E16052 SFC/FL250

N5504 E16018 - N5240 E16048 - N5230 E15845 - N5217 E15642 - N5439

E15555 - N5453 E15806 SFC/FL120 N5601 E16050 - N5526 E16057 - N5519

E15929 - N5554 E15920

FCST VA CLD +12 HR: 14/0010Z SFC/FL430 N4334 E16450 - N4401 E17708 -

N3624 E17632 - N3658 E16635 - N4142 E15500 - N4752 E15310 - N4911

E16147 SFC/FL240 N5428 E15807 - N5042 E15905 - N5016 E15525 - N5359

E15403 SFC/FL120 N5517 E16043 - N5449 E16049 - N5442 E15916 - N5510

E15909

FCST VA CLD +18 HR: 14/0610Z SFC/FL430 N4545 W17828 - N4058 W17905 -

N3516 E17919 - N3612 E16436 - N4104 E15442 - N4700 E15240 - N4826

E16231 SFC/FL220 N5236 E15900 - N5110 E15615 - N4832 E15656 - N4811

E15426 - N5044 E15329 - N5342 E15517 SFC/FL110 N5447 E16123 - N5356

E16132 - N5350 E15959 - N5441 E15947

RMK: T+0 CONFIDENCE LOW. SOME PART OF VA OBSCURED BY MET CLOUD.  
NEW

VA OBS SATELLITE IMAGERY.

NXT ADVISORY: 20170513/1800Z

1705131359-1705131800

## ForeFlight Briefing History

Advisory ID: 058  
Affected Location: None  
Reporting ARTCC: DCC  
Advisory Effective Start Time: Sat May 13 14:21:00 UTC 2017  
Advisory Effective End Time: Wed May 17 05:13:00 UTC 2017  
Advisory Text: ATCSCC ADVZY 058 DCC 05/13/2017 VOLCANIC ACTIVITY BULLETIN - MASAYA  
344100  
FVXX20 KNES 131421 WSI DDS:131424  
VA ADVISORY  
DTG: 20170513/1421Z  
  
VAAC: WASHINGTON  
  
VOLCANO: MASAYA 344100  
PSN: N1158 W08609  
  
AREA: NICARAGUA  
  
SUMMIT ELEV: 2083 FT (635 M)  
  
ADVISORY NR: 2017/007  
  
INFO SOURCE: GOES-EAST. PILOT REPORT. GFS WINDS.  
  
ERUPTION DETAILS: VA EMS NEAR 13/1145Z  
  
OBS VA DTG: 13/1315Z  
  
OBS VA CLD: SFC/FL050 N1208 W08627 - N1153 W08627  
- N1154 W08636 - N1205 W08636 - N1208 W08627 MOV  
W 0-5KT  
  
FCST VA CLD +6HR: 13/1930Z SFC/FL050 N1209 W08655  
- N1153 W08656 - N1155 W08708 - N1207 W08708 -  
N1209 W08655  
  
FCST VA CLD +12HR: 14/0130Z SFC/FL5000 NO ASH EXP  
  
FCST VA CLD +18HR: 14/0730Z NO ASH EXP  
  
RMK: T+0 CONFIDENCE HIGH. PILOT RPRT OF VA OBS S  
OF MANAGUA CONFIRMED IN STLT IMAGERY. GFS SHOWS  
WIND VARIANCE IN THE AREA HOWEVER VA IS OBS  
MOVING W. ...FISHER



ForeFlight Briefing History

NXT ADVISORY: WILL BE ISSUED BY 20170513/2015Z  
1705131421-1705132015

Advisory ID: 062  
Affected Location: None  
Reporting ARTCC: DCC  
Advisory Effective Start Time: Sat May 13 15:00:00 UTC 2017  
Advisory Effective End Time: Wed May 17 05:13:00 UTC 2017  
Advisory Text: ATCSCC ADVZY 062 DCC 05/13/2017 VOLCANIC ACTIVITY BULLETIN -  
SHEVELUCH 300270  
FVFE01 RJTD 131500 WSI UKS:131501  
VA ADVISORY  
DTG: 20170513/1500Z  
VAAC: TOKYO  
VOLCANO: SHEVELUCH 300270  
PSN: N5639 E16122  
AREA: RUSSIA  
SUMMIT ELEV: 3283M  
ADVISORY NR: 2017/286  
INFO SOURCE: HIMAWARI-8  
AVIATION COLOUR CODE: NIL  
ERUPTION DETAILS: VA EMISSIONS CONTINUING  
OBS VA DTG: 13/1420Z  
OBS VA CLD: SFC/FL430 N5009 E15758 - N4956 E15901 - N4431 E16001 -  
N4017 E16518 - N4009 E16506 - N4423 E15934 MOV SE 40KT SFC/FL250  
N5352 E15724 - N5414 E15947 - N5444 E16049 - N5433 E16054 - N5352  
E15949 - N5342 E15726 MOV S 20KT SFC/FL180 N5610 E15952 - N5642  
E16119 - N5622 E16104 - N5603 E15959 MOV SW 20KT  
FCST VA CLD +6 HR: 13/2020Z SFC/FL430 N4250 E16417 - N3941 E17331 -  
N3812 E17348 - N3826 E16631 - N4146 E15830 - N4845 E15644 - N4918  
E15956 SFC/FL250 N5333 E15824 - N5210 E15846 - N5149 E15545 - N5311  
E15515 SFC/FL170 N5550 E16051 - N5439 E16106 - N5428 E15845 - N5539  
E15825  
FCST VA CLD +12 HR: 14/0220Z SFC/FL430 N4354 E16444 - N4345 W17821 -  
  
N3659 E17543 - N3723 E16238 - N4227 E15749 - N4745 E15516 - N4824  
E16102 SFC/FL220 N5301 E15734 - N5032 E15617 - N5005 E15426 - N5228  
E15330 SFC/FL150 N5512 E16106 - N5326 E16127 - N5318 E15941 - N5308  
E15756 - N5453 E15724 - N5504 E15915  
FCST VA CLD +18 HR: 14/0820Z SFC/FL430 N4708 W17659 - N3928 W17820 -  
  
N3521 E17234 - N3610 E16327 - N4358 E15451 - N4804 E16159 - N4557  
E17110 SFC/FL210 N5232 E15756 - N4804 E15409 - N4946 E15204 - N5208  
E15301 SFC/FL140 N5447 E16215 - N5200 E16029 - N5159 E15812 - N5324  
E15745

ForeFlight Briefing History

RMK: T+0 CONFIDENCE LOW. SOME PART OF VA OBSCURED BY MET CLOUD.  
NXT ADVISORY: 20170513/1800Z=  
1705131500-1705131800

Advisory ID: 064  
Affected Location: None  
Reporting ARTCC: DCC  
Advisory Effective Start Time: Sat May 13 15:13:00 UTC 2017  
Advisory Effective End Time: Wed May 17 05:13:00 UTC 2017  
Advisory Text: ATCSCC ADVZY 064 DCC 05/13/2017 VOLCANIC ACTIVITY BULLETIN -  
TURRIALBA 345070  
FVXX21 KNES 131513 WSI DDS:131516  
VA ADVISORY  
DTG: 20170513/1513Z

VAAC: WASHINGTON

VOLCANO: TURRIALBA 345070  
PSN: N1001 W08346

AREA: COSTA.RICA

SUMMIT ELEV: 10958 FT (3340 M)

ADVISORY NR: 2017/140

INFO SOURCE: GOES-EAST. GFS WINDS. VOLCANO WEB  
CAMERA.

ERUPTION DETAILS: ONGOING VA EMS

OBS VA DTG: 13/1445Z

OBS VA CLD: VA NOT IDENTIFIABLE FROM SATELLITE  
DATA WINDS SFC/FL120 180/5-10KT

FCST VA CLD +6HR: 13/2100Z

FCST VA CLD +12HR: 14/0300Z

FCST VA CLD +18HR: 14/0900Z

RMK: ONGOING VA EMS OBS IN WEBCAM. ASH CONTENT  
APPEARS TO BE MIXED WITH STEAM. GFS WINDS  
CURRENTLY ARE OUT OF THE S AT 5-10KTS. ...FISHER

ForeFlight Briefing History

NXT ADVISORY: WILL BE ISSUED BY 20170513/2115Z  
1705131513-1705132115

Advisory ID: 023  
Affected Location: None  
Reporting ARTCC: DCC  
Advisory Effective Start Time: Sun May 14 01:30:00 UTC 2017  
Advisory Effective End Time: Wed May 17 05:14:00 UTC 2017  
Advisory Text: ATCSCC ADVZY 023 DCC 05/14/2017 VOLCANIC ACTIVITY BULLETIN -  
SHEVELUCH 300270  
FVXX23 KNES 140245 WSI DDS:140246  
VA ADVISORY  
DTG: 20170514/0245Z

VAAC: WASHINGTON

VOLCANO: SHEVELUCH 300270  
PSN: N5639 E16122

AREA: KAMCHATKA

SUMMIT ELEV: 10771 FT (3283 M)

ADVISORY NR: 2017/006

INFO SOURCE: HIMAWARI-8. KVERT

ERUPTION DETAILS: EARLIER VA EMS

OBS VA DTG: 14/0210Z

OBS VA CLD: VA NOT IDENTIFIABLE FROM SATELLITE  
DATA.

FCST VA CLD +6HR: NO VA EXP

FCST VA CLD +12HR: NO VA EXP

FCST VA CLD +18HR: NO VA EXP

RMK: VA EARLIER REPORTED AT FL430 IS NO LONGER  
OBSERVED IN IMAGERY. THERE MIGHT BE SOME  
REMAINING DISPERSED VA OBSCURED BY WX CLOUDS.  
...SCHWARTZ

NXT ADVISORY: NO FURTHER ADVISORIES

ForeFlight Briefing History

1705140130-1705140600

Advisory ID: 025

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sun May 14 01:30:00 UTC 2017

Advisory Effective End Time: Wed May 17 05:14:00 UTC 2017

Advisory Text: ATCSCC ADVZY 025 DCC 05/14/2017 VOLCANIC ACTIVITY BULLETIN - SHEVELUCH 300270

FVFE01 RJTD 140250 WSI UKS:140251

VA ADVISORY

DTG: 20170514/0250Z

VAAC: TOKYO

VOLCANO: SHEVELUCH 300270

PSN: N5639 E16122

AREA: RUSSIA

SUMMIT ELEV: 3283M

ADVISORY NR: 2017/290

INFO SOURCE: HIMAWARI-8 KVERT

AVIATION COLOUR CODE: NIL

ERUPTION DETAILS: VA EMISSIONS CONTINUING

OBS VA DTG: 14/0210Z

OBS VA CLD: SFC/FL250 N4959 E15245 - N5000 E15517 - N4922 E15601 -

N5030 E15809 - N4950 E15842 - N4830 E15602 - N4924 E15442 - N4932

E15243 MOV S 30KT SFC/FL150 N5636 E16124 - N5628 E16153 - N5649

E16215 - N5654 E16152 - N5646 E16124 MOV SE 15KT SFC/FL150 N5458

E15838 - N5504 E15914 - N5448 E15926 - N5436 E15845 MOV S 20KT

FCST VA CLD +6 HR: 14/0810Z SFC/FL250 N4902 E15728 - N4723 E15749 -

N4556 E15710 - N4639 E15247 - N4848 E15211 SFC/FL150 N5640 E16416 -

N5550 E16410 - N5552 E16305 - N5636 E16325 SFC/FL150 N5432 E16029 -

N5356 E16029 - N5356 E15930 - N5432 E15929

FCST VA CLD +12 HR: 14/1410Z SFC/FL150 N5625 E16654 - N5525 E16647

-

N5501 E16442 - N5600 E16446

FCST VA CLD +18 HR: 14/2010Z SFC/FL140 N5558 E16952 - N5432 E16903

-

N5359 E16546 - N5511 E16558 - N5612 E16835

RMK: THE RESPONSIBILITY FOR SOME PART OF ASH IS BEING TRANSFERRED TO

WASHINGTON. PLS SEE ALSO FVXX23 KNES ISSUED BY WASHINGTON WHICH DESCRIBES CONDITION OVER OR NEAR THE TOKYO AREA. WE KEEP ISSUING VAA

FOR THE VA CLD IN OUR AREA.

NXT ADVISORY: 20170514/0600Z=

1705140130-1705140600

## ForeFlight Briefing History

Advisory ID: 024  
Affected Location: None  
Reporting ARTCC: DCC  
Advisory Effective Start Time: Sun May 14 01:30:00 UTC 2017  
Advisory Effective End Time: Wed May 17 05:14:00 UTC 2017  
Advisory Text: ATCSCC ADVZY 024 DCC 05/14/2017 VOLCANIC ACTIVITY BULLETIN -  
SHEVELUCH 300270  
FVXX23 KNES 140245 WSI UKS:140248  
VA ADVISORY  
DTG: 20170514/0245Z

VAAC: WASHINGTON

VOLCANO: SHEVELUCH 300270  
PSN: N5639 E16122

AREA: KAMCHATKA

SUMMIT ELEV: 10771 FT (3283 M)

ADVISORY NR: 2017/006

INFO SOURCE: HIMAWARI-8. KVERT

ERUPTION DETAILS: EARLIER VA EMS

OBS VA DTG: 14/0210Z

OBS VA CLD: VA NOT IDENTIFIABLE FROM SATELLITE  
DATA.

FCST VA CLD +6HR: NO VA EXP

FCST VA CLD +12HR: NO VA EXP

FCST VA CLD +18HR: NO VA EXP

RMK: VA EARLIER REPORTED AT FL430 IS NO LONGER  
OBSERVED IN IMAGERY. THERE MIGHT BE SOME  
REMAINING DISPERSED VA OBSCURED BY WX CLOUDS.  
...SCHWARTZ

NXT ADVISORY: NO FURTHER ADVISORIES  
1705140130-1705140600

ForeFlight Briefing History

Advisory ID: 018  
Affected Location: None  
Reporting ARTCC: DCC  
Advisory Effective Start Time: Sun May 14 01:30:00 UTC 2017  
Advisory Effective End Time: Wed May 17 05:14:00 UTC 2017  
Advisory Text: ATCSCC ADVZY 018 DCC 05/14/2017 VOLCANIC ACTIVITY BULLETIN -  
SAKURAJIMA (AIRA  
CALDERA) 282080  
FVFE01 RJTD 140135 WSI UKS:140136  
VA ADVISORY  
DTG: 20170514/0135Z  
VAAC: TOKYO  
VOLCANO: SAKURAJIMA (AIRA CALDERA) 282080  
PSN: N3136 E13039  
AREA: JAPAN  
SUMMIT ELEV: 1117M  
ADVISORY NR: 2017/51  
INFO SOURCE: HIMAWARI-8 AIREP  
AVIATION COLOUR CODE: NIL  
ERUPTION DETAILS: VA AT 20170514/0110Z 15NM S OF RJFK FL040 EXTD  
S-SW  
REPORTED  
OBS VA DTG: 14/0120Z  
OBS VA CLD: VA NOT IDENTIFIABLE FM SATELLITE DATA WIND FL040  
280/12KT  
  
FCST VA CLD +6 HR: NOT AVBL  
FCST VA CLD +12 HR: NOT AVBL  
FCST VA CLD +18 HR: NOT AVBL  
RMK: WE WILL ISSUE FURTHER ADVISORY IF VA IS DETECTED IN SATELLITE  
IMAGERY.  
NXT ADVISORY: NO FURTHER ADVISORIES=  
1705140130-1705140600

Advisory ID: 029  
Affected Location: None  
Reporting ARTCC: DCC  
Advisory Effective Start Time: Sun May 14 03:00:00 UTC 2017  
Advisory Effective End Time: Wed May 17 05:14:00 UTC 2017  
Advisory Text: ATCSCC ADVZY 029 DCC 05/14/2017 VOLCANIC ACTIVITY BULLETIN -  
SHEVELUCH 300270  
FVXX23 KNES 140303 CCA WSI UKS:140306  
VA ADVISORY -CORRECTION  
DTG: 20170514/0303Z  
  
VAAC: WASHINGTON

ForeFlight Briefing History

VOLCANO: SHEVELUCH 300270  
PSN: N5640 E16122

AREA: KAMCHATKA

SUMMIT ELEV: 10771 FT (3283 M)

ADVISORY NR: 2017/006

INFO SOURCE: HIMAWARI-8. KVERT

ERUPTION DETAILS: EARLIER VA EMS

OBS VA DTG: 14/0210Z

OBS VA CLD: VA NOT IDENTIFIABLE FROM SATELLITE  
DATA.

FCST VA CLD +6HR: NO VA EXP

FCST VA CLD +12HR: NO VA EXP

FCST VA CLD +18HR: NO VA EXP

RMK: VA EARLIER REPORTED AT FL430 IS NO LONGER  
OBSERVED IN IMAGERY. THERE MIGHT BE SOME  
REMAINING DISPERSED VA OBSCURED BY WX CLOUDS.  
PLEASE SEE FVVFE01 RJTD 140250 ISSUED BY THE  
TOKYO VAA FOR EMS CLOSER TO THE SUMMIT.  
...SCHWARTZ

NXT ADVISORY: NO FURTHER ADVISORIES  
1705140300-1705140900

Advisory ID: 028

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sun May 14 03:00:00 UTC 2017

Advisory Effective End Time: Wed May 17 05:14:00 UTC 2017

Advisory Text: ATCSCC ADVZY 028 DCC 05/14/2017 VOLCANIC ACTIVITY BULLETIN -  
SHEVELUCH 300270

FVXX23 KNES 140303 CCA WSI DDS:140304

VA ADVISORY -CORRECTION

DTG: 20170514/0303Z

ForeFlight Briefing History

VAAC: WASHINGTON

VOLCANO: SHEVELUCH 300270

PSN: N5640 E16122

AREA: KAMCHATKA

SUMMIT ELEV: 10771 FT (3283 M)

ADVISORY NR: 2017/006

INFO SOURCE: HIMAWARI-8. KVERT

ERUPTION DETAILS: EARLIER VA EMS

OBS VA DTG: 14/0210Z

OBS VA CLD: VA NOT IDENTIFIABLE FROM SATELLITE  
DATA.

FCST VA CLD +6HR: NO VA EXP

FCST VA CLD +12HR: NO VA EXP

FCST VA CLD +18HR: NO VA EXP

RMK: VA EARLIER REPORTED AT FL430 IS NO LONGER  
OBSERVED IN IMAGERY. THERE MIGHT BE SOME  
REMAINING DISPERSED VA OBSCURED BY WX CLOUDS.  
PLEASE SEE FVVFE01 RJTD 140250 ISSUED BY THE  
TOKYO VAA FOR EMS CLOSER TO THE SUMMIT.  
...SCHWARTZ

NXT ADVISORY: NO FURTHER ADVISORIES  
1705140300-1705140900

Advisory ID: 027

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sun May 14 03:00:00 UTC 2017

Advisory Effective End Time: Wed May 17 05:14:00 UTC 2017

Advisory Text: ATCSCC ADVZY 027 DCC 05/14/2017 VOLCANIC ACTIVITY BULLETIN -  
TURRIALBA 345070

FVXX21 KNES 140258 WSI UKS:140301

VA ADVISORY

DTG: 20170514/0258Z



ForeFlight Briefing History

VAAC: WASHINGTON

VOLCANO: TURRIALBA 345070

PSN: N1001 W08346

AREA: COSTA RICA

SUMMIT ELEV: 10958 FT (3340 M)

ADVISORY NR: 2017/142

INFO SOURCE: GOES-EAST. GFS WINDS. VOLCANO WEB  
CAMERA.

ERUPTION DETAILS: ONGOING EMS

OBS VA DTG: 14/0245Z

OBS VA CLD: VA NOT IDENTIFIABLE FROM SATELLITE  
DATA WINDS SFC/FL125 225/5-10KT

FCST VA CLD +6HR: 14/0900Z

FCST VA CLD +12HR: 14/1500Z

FCST VA CLD +18HR: 14/2100Z

RMK: T=0 CONFIDENCE IS LOW. NO VA IS OBSERVED IN  
IMAGERY ALTHOUGH THERE ARE EXTENSIVE WX CLOUDS  
PRESENT. WEBCAMERA SHOWS EMS OF GASES AND PSBL VA  
TO 500M ABOVE SUMMIT. ...SCHWARTZ

NXT ADVISORY: WILL BE ISSUED BY 20170514/0900Z  
1705140300-1705140900

Advisory ID: 026

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sun May 14 03:00:00 UTC 2017

Advisory Effective End Time: Wed May 17 05:14:00 UTC 2017

Advisory Text: ATCSCC ADVZY 026 DCC 05/14/2017 VOLCANIC ACTIVITY BULLETIN -  
TURRIALBA 345070

FVXX21 KNES 140258 WSI DDS:140300

VA ADVISORY

DTG: 20170514/0258Z

ForeFlight Briefing History

VAAC: WASHINGTON

VOLCANO: TURRIALBA 345070

PSN: N1001 W08346

AREA: COSTA RICA

SUMMIT ELEV: 10958 FT (3340 M)

ADVISORY NR: 2017/142

INFO SOURCE: GOES-EAST. GFS WINDS. VOLCANO WEB  
CAMERA.

ERUPTION DETAILS: ONGOING EMS

OBS VA DTG: 14/0245Z

OBS VA CLD: VA NOT IDENTIFIABLE FROM SATELLITE  
DATA WINDS SFC/FL125 225/5-10KT

FCST VA CLD +6HR: 14/0900Z

FCST VA CLD +12HR: 14/1500Z

FCST VA CLD +18HR: 14/2100Z

RMK: T=0 CONFIDENCE IS LOW. NO VA IS OBSERVED IN  
IMAGERY ALTHOUGH THERE ARE EXTENSIVE WX CLOUDS  
PRESENT. WEBCAMERA SHOWS EMS OF GASES AND PSBL VA  
TO 500M ABOVE SUMMIT. ...SCHWARTZ

NXT ADVISORY: WILL BE ISSUED BY 20170514/0900Z  
1705140300-1705140900

Advisory ID: 061

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sun May 14 14:22:00 UTC 2017

Advisory Effective End Time: Wed May 17 05:14:00 UTC 2017

Advisory Text: ATCSCC ADVZY 061 DCC 05/14/2017 VOLCANIC ACTIVITY BULLETIN -  
TURRIALBA 345070

FVXX21 KNES 141422 WSI UKS:141440

VA ADVISORY

DTG: 20170514/1422Z

ForeFlight Briefing History

VAAC: WASHINGTON

VOLCANO: TURRIALBA 345070

PSN: N1001 W08346

AREA: COSTA.RICA

SUMMIT ELEV: 10958 FT (3340 M)

ADVISORY NR: 2017/144

INFO SOURCE: GOES-EAST. GFS WINDS. VOLCANO WEB  
CAMERA. OVSICORI-UNA.

ERUPTION DETAILS: ONGOING VA EMS

OBS VA DTG: 14/1345Z

OBS VA CLD: SFC/FL130 N1053 W08337 - N1046 W08320  
- N1002 W08344 - N1004 W08347 - N1053 W08337 MOV  
NE 5-10KT

FCST VA CLD +6HR: 14/2000Z SFC/FL130 NO ASH EXP

FCST VA CLD +12HR: 15/0200Z NO ASH EXP

FCST VA CLD +18HR: 15/0800Z NO ASH EXP

RMK: T+0 CONFIDENCE HIGH. OVSICORI-UNA RPTS  
ONGOING ERUPTION. MOSTLY GAS AND VAPOR WITH SOME  
VA SEEN IN WEB CAM AND STLT IMAGERY EXTENDING NNE  
TO 50 NM FROM SUMMIT. ...LEE

NXT ADVISORY: WILL BE ISSUED BY 20170514/2015Z  
1705141422-1705142015

Advisory ID: 071

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sun May 14 17:50:00 UTC 2017

Advisory Effective End Time: Wed May 17 05:14:00 UTC 2017

Advisory Text: ATCSCC ADVZY 071 DCC 05/14/2017 VOLCANIC ACTIVITY BULLETIN -  
SAKURAJIMA (AIRA

CALDERA) 282080

FVFE01 RJTD 141750 WSI UKS:141751

ForeFlight Briefing History

VA ADVISORY  
DTG: 20170514/1750Z  
VAAC: TOKYO  
VOLCANO: SAKURAJIMA (AIRA CALDERA) 282080  
PSN: N3136 E13039  
AREA: JAPAN  
SUMMIT ELEV: 1117M  
ADVISORY NR: 2017/56  
INFO SOURCE: HIMAWARI-8  
AVIATION COLOUR CODE: NIL  
ERUPTION DETAILS: VA DISSIPATED ON SATELLITE IMAGERY  
OBS VA DTG: 14/1720Z  
OBS VA CLD: VA NOT IDENTIFIABLE FM SATELLITE DATA WIND FL180  
260/40KT

FCST VA CLD +6 HR: NO VA EXP  
FCST VA CLD +12 HR: NO VA EXP  
FCST VA CLD +18 HR: NO VA EXP  
RMK: NIL  
NXT ADVISORY: NO FURTHER ADVISORIES  
1705141750-1705142350

Advisory ID: 075  
Affected Location: None  
Reporting ARTCC: DCC  
Advisory Effective Start Time: Sun May 14 18:00:00 UTC 2017  
Advisory Effective End Time: Wed May 17 05:14:00 UTC 2017  
Advisory Text: ATCSCC ADVZY 075 DCC 05/14/2017 VOLCANIC ACTIVITY BULLETIN -  
SHEVELUCH 300270  
FVFE01 RJTD 141806 WSI UKS:141808  
VA ADVISORY

DTG: 20170514/1800Z

VAAC: ANCHORAGE

VOLCANO: SHEVELUCH 300270

PSN: N5639 E16122

AREA: KAMCHATKA PENINSULA

SUMMIT ELEV: 10771 FT (3283 M)

ADVISORY NR: 2017/034

ForeFlight Briefing History

INFO SOURCE: HIMAWARI

AVIATION COLOR CODE: ORANGE

ERUPTION DETAILS: VA CONTINUOUSLY OBS ON SATELLITE IMAGERY

OBS VA DTG: 14/1800Z

OBS VA CLD: SFC/FL150 N5326 E16716 - N5228 E16436 - N5325 E16714  
- N5228 E16436 - N5121 E16602 - N5235 E16846 - N5326 E16716 MOV  
SSE 25KT.

FCST VA CLD +6HR: 15/0000Z SFC/FL150 N5236 E16843 - N5121 E16604  
- N4942 E16850 - N5116 E17156 - N5236 E16843 - N5236 E16843.

FCST VA CLD +12HR: 15/0600Z NO VA EXP.

FCST VA CLD +18HR: 15/1200Z NO VA EXP.

RMK: VA CLOUD CONTINUES TO WEAKEN.

NXT ADVISORY: WILL BE ISSUED BY 20170515/0000Z

DB MAY 2017 AAWU  
1705141800-1705142359

Advisory ID: 073

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sun May 14 18:00:00 UTC 2017

Advisory Effective End Time: Wed May 17 05:14:00 UTC 2017

Advisory Text: ATCSCC ADVZY 073 DCC 05/14/2017 VOLCANIC ACTIVITY BULLETIN -  
SHEVELUCH 300270

FVFE01 RJTD 141800 WSI UKS:141801

VA ADVISORY

DTG: 20170514/1800Z

VAAC: TOKYO

VOLCANO: SHEVELUCH 300270

PSN: N5639 E16122

AREA: RUSSIA

SUMMIT ELEV: 3283M

ADVISORY NR: 2017/293

INFO SOURCE: HIMAWARI-8

AVIATION COLOUR CODE: NIL

ERUPTION DETAILS: VA CONTINUOUSLY OBS ON SATELLITE IMAGERY

OBS VA DTG: 14/1720Z

ForeFlight Briefing History

OBS VA CLD: SFC/FL150 N5252 E16523 - N5256 E16554 - N5323 E16610 -  
N5322 E16634 - N5243 E16610 - N5234 E16521 MOV S 20KT  
FCST VA CLD +6 HR: 14/2320Z SFC/FL140 N5128 E16727 - N5026 E16600 -  
N5037 E16448 - N5145 E16624  
FCST VA CLD +12 HR: 15/0520Z SFC/FL130 N4939 E16637 - N4858 E16747 -

N4757 E16531 - N4840 E16454

FCST VA CLD +18 HR: NO VA EXP

RMK: T+0 CONFIDENCE HIGH. THE RESPONSIBILITY FOR THIS ASH EVENT IS  
BEING TRANSFERRED TO ANCHORAGE. THE NEXT ADVISORY WILL BE ISSUED BY  
ANCHORAGE BY 0000UTC UNDER HEADER FVAK21 PAWU.

NXT ADVISORY: NO FURTHER ADVISORIES

1705141800-1705142359

Advisory ID: 072

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sun May 14 18:00:00 UTC 2017

Advisory Effective End Time: Wed May 17 05:14:00 UTC 2017

Advisory Text: ATCSCC ADVZY 072 DCC 05/14/2017 VOLCANIC ACTIVITY BULLETIN -  
SHEVELUCH 300270

FVAK21 PAWU 141758 WSI DDS:141758

VAAAK1

VA ADVISORY

DTG: 20170514/1800Z

VAAC: ANCHORAGE

VOLCANO: SHEVELUCH 300270

PSN: N5639 E16122

AREA: KAMCHATKA PENINSULA

SUMMIT ELEV: 10771 FT (3283 M)

ADVISORY NR: 2017/034

INFO SOURCE: HIMAWARI

AVIATION COLOR CODE: ORANGE

ERUPTION DETAILS: VA CONTINUOUSLY OBS ON SATELLITE IMAGERY

OBS VA DTG: 14/1800Z

ForeFlight Briefing History

OBS VA CLD: SFC/FL150 N5326 E16716 - N5228 E16436 - N5325 E16714  
- N5228 E16436 - N5121 E16602 - N5235 E16846 - N5326 E16716 MOV  
SSE 25KT.

FCST VA CLD +6HR: 15/0000Z SFC/FL150 N5236 E16843 - N5121 E16604  
- N4942 E16850 - N5116 E17156 - N5236 E16843 - N5236 E16843.

FCST VA CLD +12HR: 15/0600Z NO VA EXP.

FCST VA CLD +18HR: 15/1200Z NO VA EXP.

RMK: VA CLOUD CONTINUES TO WEAKEN.

NXT ADVISORY: WILL BE ISSUED BY 20170515/0000Z

DB MAY 2017 AAWU  
1705141800-1705142359

Advisory ID: 074  
Affected Location: None  
Reporting ARTCC: DCC  
Advisory Effective Start Time: Sun May 14 18:00:00 UTC 2017  
Advisory Effective End Time: Wed May 17 05:14:00 UTC 2017  
Advisory Text: ATCSCC ADVZY 074 DCC 05/14/2017 VOLCANIC ACTIVITY BULLETIN -  
SHEVELUCH 300270  
FVAK21 PAWU 141758 WSI UKS:141802  
VAAAK1  
VA ADVISORY

DTG: 20170514/1800Z

VAAC: ANCHORAGE

VOLCANO: SHEVELUCH 300270

PSN: N5639 E16122

AREA: KAMCHATKA PENINSULA

SUMMIT ELEV: 10771 FT (3283 M)

ADVISORY NR: 2017/034

INFO SOURCE: HIMAWARI

ForeFlight Briefing History

AVIATION COLOR CODE: ORANGE

ERUPTION DETAILS: VA CONTINUOUSLY OBS ON SATELLITE IMAGERY

OBS VA DTG: 14/1800Z

OBS VA CLD: SFC/FL150 N5326 E16716 - N5228 E16436 - N5325 E16714  
- N5228 E16436 - N5121 E16602 - N5235 E16846 - N5326 E16716 MOV  
SSE 25KT.

FCST VA CLD +6HR: 15/0000Z SFC/FL150 N5236 E16843 - N5121 E16604  
- N4942 E16850 - N5116 E17156 - N5236 E16843 - N5236 E16843.

FCST VA CLD +12HR: 15/0600Z NO VA EXP.

FCST VA CLD +18HR: 15/1200Z NO VA EXP.

RMK: VA CLOUD CONTINUES TO WEAKEN.

NXT ADVISORY: WILL BE ISSUED BY 20170515/0000Z

DB MAY 2017 AAWU  
1705141800-1705142359

Advisory ID: 077

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sun May 14 18:30:00 UTC 2017

Advisory Effective End Time: Wed May 17 05:15:00 UTC 2017

Advisory Text: ATCSCC ADVZY 077 DCC 05/14/2017 VOLCANIC ACTIVITY BULLETIN -  
SHEVELUCH 300270

FVAK21 PAWU 141828 WSI DDS:141828

VAAAK1

VA ADVISORY

DTG: 20170514/1830Z

VAAC: ANCHORAGE

VOLCANO: SHEVELUCH 300270

PSN: N5639 E16122

AREA: KAMCHATKA PENINSULA

SUMMIT ELEV: 10771 FT (3283 M)



ForeFlight Briefing History

ADVISORY NR: 2017/035

INFO SOURCE: HIMAWARI

AVIATION COLOR CODE: ORANGE

ERUPTION DETAILS: {MODIFY AS NEEDED}

OBS VA DTG: 14/1830Z

OBS VA CLD: SFC/FL150 N5326 E16717 - N5229 E16437 - N5121 E16604  
- N5235 E16845 - N5326 E16717 MOV SSE 25KT.

FCST VA CLD +6HR: 15/0030Z SFC/FL150 N5121 E16605 - N4943 E16850  
- N5117 E17156 - N5235 E16846 - N5121 E16605 - N5121 E16605.

FCST VA CLD +12HR: 15/0630Z NO VA EXP.

FCST VA CLD +18HR: 15/1230Z NO VA EXP.

RMK: {ADD REMARKS AS NEEDED}

NXT ADVISORY: WILL BE ISSUED BY 20170515/0030Z

DB MAY 2017 AAWU  
1705141830-1705150030

Advisory ID: 078

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sun May 14 18:30:00 UTC 2017

Advisory Effective End Time: Wed May 17 05:15:00 UTC 2017

Advisory Text: ATCSCC ADVZY 078 DCC 05/14/2017 VOLCANIC ACTIVITY BULLETIN -  
SHEVELUCH 300270

FVAK21 PAWU 141828 WSI UKS:141834

VAAAK1

VA ADVISORY

DTG: 20170514/1830Z

VAAC: ANCHORAGE

VOLCANO: SHEVELUCH 300270

PSN: N5639 E16122

ForeFlight Briefing History

AREA: KAMCHATKA PENINSULA

SUMMIT ELEV: 10771 FT (3283 M)

ADVISORY NR: 2017/035

INFO SOURCE: HIMAWARI

AVIATION COLOR CODE: ORANGE

ERUPTION DETAILS: {MODIFY AS NEEDED}

OBS VA DTG: 14/1830Z

OBS VA CLD: SFC/FL150 N5326 E16717 - N5229 E16437 - N5121 E16604  
- N5235 E16845 - N5326 E16717 MOV SSE 25KT.

FCST VA CLD +6HR: 15/0030Z SFC/FL150 N5121 E16605 - N4943 E16850  
- N5117 E17156 - N5235 E16846 - N5121 E16605 - N5121 E16605.

FCST VA CLD +12HR: 15/0630Z NO VA EXP.

FCST VA CLD +18HR: 15/1230Z NO VA EXP.

RMK: {ADD REMARKS AS NEEDED}

NXT ADVISORY: WILL BE ISSUED BY 20170515/0030Z

DB MAY 2017 AAWU  
1705141830-1705150030

Advisory ID: 079

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Sun May 14 18:33:00 UTC 2017

Advisory Effective End Time: Wed May 17 05:14:00 UTC 2017

Advisory Text: ATCSCC ADVZY 079 DCC 05/14/2017 VOLCANIC ACTIVITY BULLETIN -  
SHEVELUCH 300270

FVFE01 RJTD 141833 WSI UKS:141834

VA ADVISORY

DTG: 20170514/1833Z

VAAC: TOKYO

VOLCANO: SHEVELUCH 300270

PSN: N5639 E16122

AREA: RUSSIA

ForeFlight Briefing History

SUMMIT ELEV: 3283M  
ADVISORY NR: 2017/294  
INFO SOURCE: HIMAWARI-8  
AVIATION COLOUR CODE: NIL  
ERUPTION DETAILS: POSS ERUPTION OBS AT 20170514/1730Z FL180 EXTD SE  
OBS VA DTG: 14/1800Z  
OBS VA CLD: SFC/FL180 N5640 E16121 - N5643 E16134 - N5634 E16152 -  
N5621 E16137 MOV SE 20KT  
FCST VA CLD +6 HR: 15/0000Z SFC/FL180 N5456 E16627 - N5439 E16605 -  
N5503 E16354 - N5530 E16308 - N5546 E16323  
FCST VA CLD +12 HR: 15/0600Z SFC/FL170 N5343 E17028 - N5321 E17023 -  
  
N5323 E16731 - N5346 E16546 - N5433 E16416 - N5419 E16634 - N5351  
E16737  
FCST VA CLD +18 HR: 15/1200Z SFC/FL160 N5233 E17347 - N5215 E17350 -  
  
N5133 E17006 - N5139 E16854 - N5327 E16511 - N5338 E16645 - N5214  
E16859 - N5206 E17014  
RMK: T+0 CONFIDENCE HIGH. PLS SEE ALSO FVAK21 PAWU ISSUED BY  
ANCHORAGE WHICH DESCRIBES CONDITION OVER OR NEAR THE TOKYO AREA.  
WE  
KEEP ISSUING VAA FOR THE VA CLD IN OUR AREA.  
NXT ADVISORY: 20170515/0000Z  
1705141833-1705142359

Advisory ID: 021  
Affected Location: None  
Reporting ARTCC: DCC  
Advisory Effective Start Time: Mon May 15 03:43:00 UTC 2017  
Advisory Effective End Time: Wed May 17 05:15:00 UTC 2017  
Advisory Text: ATCSCC ADVZY 021 DCC 05/15/2017 VOLCANIC ACTIVITY BULLETIN -  
TURRIALBA 345070  
FVXX21 KNES 150343 WSI DDS:150344  
VA ADVISORY  
DTG: 20170515/0343Z

VAAC: WASHINGTON

VOLCANO: TURRIALBA 345070  
PSN: N1001 W08346

AREA: COSTA RICA

SUMMIT ELEV: 10958 FT (3340 M)

ADVISORY NR: 2017/147

ForeFlight Briefing History

INFO SOURCE: GOES-EAST. GFS WINDS. VOLCANO WEB CAMERA.

ERUPTION DETAILS: EMS OF GASES AND PSBL VA

OBS VA DTG: 15/0315Z

OBS VA CLD: VA NOT IDENTIFIABLE FROM SATELLITE DATA WINDS SFC/FL140 270/0-5KT

FCST VA CLD +6HR: 15/0930Z

FCST VA CLD +12HR: 15/1530Z

FCST VA CLD +18HR: 15/2130Z

RMK: T+0 CONFIDENCE IS LOW. NO VA IS OBSERVED IN IMAGERY. WEBCAM SHOWS EMS OF GASES AND PSBL VA TO 500M ABOVE SUMMIT. ...SCHWARTZ

NXT ADVISORY: WILL BE ISSUED BY 20170515/0945Z  
1705150343-1705150945

Advisory ID: 022

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Mon May 15 03:43:00 UTC 2017

Advisory Effective End Time: Wed May 17 05:15:00 UTC 2017

Advisory Text: ATCSCC ADVZY 022 DCC 05/15/2017 VOLCANIC ACTIVITY BULLETIN - TURRIALBA 345070

FVXX21 KNES 150343 WSI UKS:150347

VA ADVISORY

DTG: 20170515/0343Z

VAAC: WASHINGTON

VOLCANO: TURRIALBA 345070

PSN: N1001 W08346

AREA: COSTA RICA

SUMMIT ELEV: 10958 FT (3340 M)

ADVISORY NR: 2017/147

ForeFlight Briefing History

INFO SOURCE: GOES-EAST. GFS WINDS. VOLCANO WEB CAMERA.

ERUPTION DETAILS: EMS OF GASES AND PSBL VA

OBS VA DTG: 15/0315Z

OBS VA CLD: VA NOT IDENTIFIABLE FROM SATELLITE DATA WINDS SFC/FL140 270/0-5KT

FCST VA CLD +6HR: 15/0930Z

FCST VA CLD +12HR: 15/1530Z

FCST VA CLD +18HR: 15/2130Z

RMK: T+0 CONFIDENCE IS LOW. NO VA IS OBSERVED IN IMAGERY. WEBCAM SHOWS EMS OF GASES AND PSBL VA TO 500M ABOVE SUMMIT. ...SCHWARTZ

NXT ADVISORY: WILL BE ISSUED BY 20170515/0945Z  
1705150343-1705150945

Advisory ID: 023

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Mon May 15 04:30:00 UTC 2017

Advisory Effective End Time: Mon May 15 10:30:00 UTC 2017

Advisory Text: ATCSCC ADVZY 023 DCC 05/15/2017 VOLCANIC ACTIVITY BULLETIN - SHEVELUCH 300270

FVFE01 RJTD 150430 WSI UKS:150434

VA ADVISORY

DTG: 20170515/0430Z

VAAC: TOKYO

VOLCANO: SHEVELUCH 300270

PSN: N5639 E16122

AREA: RUSSIA

SUMMIT ELEV: 3283M

ADVISORY NR: 2017/297

INFO SOURCE: HIMAWARI-8

AVIATION COLOUR CODE: NIL

ERUPTION DETAILS: VA CONTINUOUSLY OBS ON SATELLITE IMAGERY

OBS VA DTG: 15/0340Z

OBS VA CLD: SFC/FL220 N5416 E16505 - N5335 E16726 - N5320 E16717 -  
N5359 E16449 MOV SE 30KT

FCST VA CLD +6 HR: 15/0940Z SFC/FL210 N5207 E17146 - N5141 E17154 -

ForeFlight Briefing History

N5124 E16839 - N5223 E16644 - N5236 E16704 - N5214 E16831  
FCST VA CLD +12 HR: 15/1540Z SFC/FL200 N5029 E17508 - N4924 E17120 -

N4921 E17008 - N5037 E16824 - N5052 E16843 - N5016 E17053 - N5111  
E17537

FCST VA CLD +18 HR: NO VA EXP

RMK: T+0 CONFIDENCE LOW. SOME PART OF VA OBSCURED BY MET CLOUD. THE

RESPONSIBILITY FOR THIS ASH EVENT IS BEING TRANSFERRED TO ANCHORAGE.

THE NEXT ADVISORY WILL BE ISSUED BY ANCHORAGE BY 0600UTC UNDER  
HEADER FVAK21 PAWU.

NXT ADVISORY: NO FURTHER ADVISORIES  
150430-151030

Advisory ID: 025

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Mon May 15 06:00:00 UTC 2017

Advisory Effective End Time: Wed May 17 05:15:00 UTC 2017

Advisory Text: ATCSCC ADVZY 025 DCC 05/15/2017 VOLCANIC ACTIVITY BULLETIN -  
SHEVELUCH 300270

FVAK21 PAWU 150602 WSI UKS:150607

VAAAK1

VA ADVISORY

DTG: 20170515/0600Z

VAAC: ANCHORAGE

VOLCANO: SHEVELUCH 300270

PSN: N5639 E16122

AREA: KAMCHATKA PENINSULA

SUMMIT ELEV: 10771 FT (3283 M)

ADVISORY NR: 2017/037

INFO SOURCE: HIMAWARI

AVIATION COLOR CODE: ORANGE

ERUPTION DETAILS: VA ASSOC WITH 14/1700 UTC ERUPTION.

ForeFlight Briefing History

OBS VA DTG: 15/0600Z

OBS VA CLD: SFC/FL220 N5420 E16441 - N5303 E16320 - N5025 E17010  
- N5144 E17147 - N5420 E16441 MOV SE 30KT.

FCST VA CLD +6HR: 15/1200Z SFC/FL220 N5210 E16748 - N5048 E17459  
- N4905 E17320 - N5010 E16650 - N5210 E16748.

FCST VA CLD +12HR: 15/1800Z SFC/FL220 N5024 E17920 - N5002  
E17220 - N4929 E16701 - N4729 E16827 - N4751 E17438 - N4903  
E17857 - N5024 E17920 - N5024 E17920.

FCST VA CLD +18HR: 16/0000Z NO VA EXP.

RMK: T+0 CONFIDENCE HIGH. STG VA SIGNAL OBSERVED IN HIMAWARI  
IMAGERY  
CROSSING  
FM TOKYO VAAC TO ANCHORAGE VAAC AOR. VAAC TOKYO HAS TRANSFERRED  
RESPONSIBILITY  
OF THIS EVENT TO VAAC ANCHORAGE. THIS ADVISORY UPDATES MESSAGE  
FVFE01  
RJTD.

NXT ADVISORY: WILL BE ISSUED BY 20170515/1200Z

JAM MAY 2017 AAWU  
1705150600-1705151100

Advisory ID: 024  
Affected Location: None  
Reporting ARTCC: DCC  
Advisory Effective Start Time: Mon May 15 06:00:00 UTC 2017  
Advisory Effective End Time: Wed May 17 05:15:00 UTC 2017  
Advisory Text: ATCSCC ADVZY 024 DCC 05/15/2017 VOLCANIC ACTIVITY BULLETIN -  
SHEVELUCH 300270  
FVAK21 PAWU 150602 WSI DDS:150602  
VAAAK1  
VA ADVISORY

DTG: 20170515/0600Z

VAAC: ANCHORAGE

VOLCANO: SHEVELUCH 300270

PSN: N5639 E16122

ForeFlight Briefing History

AREA: KAMCHATKA PENINSULA

SUMMIT ELEV: 10771 FT (3283 M)

ADVISORY NR: 2017/037

INFO SOURCE: HIMAWARI

AVIATION COLOR CODE: ORANGE

ERUPTION DETAILS: VA ASSOC WITH 14/1700 UTC ERUPTION.

OBS VA DTG: 15/0600Z

OBS VA CLD: SFC/FL220 N5420 E16441 - N5303 E16320 - N5025 E17010  
- N5144 E17147 - N5420 E16441 MOV SE 30KT.

FCST VA CLD +6HR: 15/1200Z SFC/FL220 N5210 E16748 - N5048 E17459  
- N4905 E17320 - N5010 E16650 - N5210 E16748.

FCST VA CLD +12HR: 15/1800Z SFC/FL220 N5024 E17920 - N5002  
E17220 - N4929 E16701 - N4729 E16827 - N4751 E17438 - N4903  
E17857 - N5024 E17920 - N5024 E17920.

FCST VA CLD +18HR: 16/0000Z NO VA EXP.

RMK: T+0 CONFIDENCE HIGH. STG VA SIGNAL OBSERVED IN HIMAWARI  
IMAGERY  
CROSSING  
FM TOKYO VAAC TO ANCHORAGE VAAC AOR. VAAC TOKYO HAS TRANSFERRED  
RESPONSIBILITY  
OF THIS EVENT TO VAAC ANCHORAGE. THIS ADVISORY UPDATES MESSAGE  
FVFE01  
RJTD.

NXT ADVISORY: WILL BE ISSUED BY 20170515/1200Z

JAM MAY 2017 AAWU  
1705150600-1705151100

Advisory ID: 026

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Mon May 15 06:00:00 UTC 2017

Advisory Effective End Time: Wed May 17 05:15:00 UTC 2017



ForeFlight Briefing History

Advisory Text: ATCSCC ADVZY 026 DCC 05/15/2017 VOLCANIC ACTIVITY BULLETIN -  
SHEVELUCH 300270  
FVFE01 RJTD 150610 WSI UKS:150612  
VA ADVISORY

DTG: 20170515/0600Z

VAAC: ANCHORAGE

VOLCANO: SHEVELUCH 300270

PSN: N5639 E16122

AREA: KAMCHATKA PENINSULA

SUMMIT ELEV: 10771 FT (3283 M)

ADVISORY NR: 2017/037

INFO SOURCE: HIMAWARI

AVIATION COLOR CODE: ORANGE

ERUPTION DETAILS: VA ASSOC WITH 14/1700 UTC ERUPTION.

OBS VA DTG: 15/0600Z

OBS VA CLD: SFC/FL220 N5420 E16441 - N5303 E16320 - N5025 E17010  
- N5144 E17147 - N5420 E16441 MOV SE 30KT.

FCST VA CLD +6HR: 15/1200Z SFC/FL220 N5210 E16748 - N5048 E17459  
- N4905 E17320 - N5010 E16650 - N5210 E16748.

FCST VA CLD +12HR: 15/1800Z SFC/FL220 N5024 E17920 - N5002  
E17220 - N4929 E16701 - N4729 E16827 - N4751 E17438 - N4903  
E17857 - N5024 E17920 - N5024 E17920.

FCST VA CLD +18HR: 16/0000Z NO VA EXP.

RMK: T+0 CONFIDENCE HIGH. STG VA SIGNAL OBSERVED IN HIMAWARI  
IMAGERY  
CROSSING

FM TOKYO VAAC TO ANCHORAGE VAAC AOR. VAAC TOKYO HAS TRANSFERRED  
RESPONSIBILITY

OF THIS EVENT TO VAAC ANCHORAGE. THIS ADVISORY UPDATES MESSAGE  
FVFE01

ForeFlight Briefing History

RJTD.

NXT ADVISORY: WILL BE ISSUED BY 20170515/1200Z

JAM MAY 2017 AAWU=  
1705150600-1705151100

Advisory ID: 027  
Affected Location: None  
Reporting ARTCC: DCC  
Advisory Effective Start Time: Mon May 15 06:43:00 UTC 2017  
Advisory Effective End Time: Wed May 17 05:15:00 UTC 2017  
Advisory Text: ATCSCC ADVZY 027 DCC 05/15/2017 VOLCANIC ACTIVITY BULLETIN -  
SHEVELUCH 300270  
FVXX23 KNES 150643 WSI DDS:150644  
VA ADVISORY  
DTG: 20170515/0643Z

VAAC: WASHINGTON

VOLCANO: SHEVELUCH 300270  
PSN: N5639 E16122

AREA: KAMCHATKA

SUMMIT ELEV: 10771 FT (3283 M)

ADVISORY NR: 2017/008

RMK: PLEASE SEE FVAK21 PAWU 150602 ISSUED BY THE  
ANCHORAGE VAAC THAT DESCRIBES CONDITIONS NEAR THE  
WASHINGTON VAACS AREA OF RESPONSIBILITY  
...SCHWARTZ  
1705150643-1705151243

Advisory ID: 028  
Affected Location: None  
Reporting ARTCC: DCC  
Advisory Effective Start Time: Mon May 15 06:43:00 UTC 2017  
Advisory Effective End Time: Wed May 17 05:15:00 UTC 2017  
Advisory Text: ATCSCC ADVZY 028 DCC 05/15/2017 VOLCANIC ACTIVITY BULLETIN -  
SHEVELUCH  
FVXX23 KNES 150643 WSI UKS:150647  
VA ADVISORY  
DTG: 20170515/0643Z  
VAAC: WASHINGTON

ForeFlight Briefing History

VOLCANO: SHEVELUCH

300270

PSN: N5639 E16122

AREA: KAMCHATKA

SUMMIT ELEV: 10771 FT (3283

M)

ADVISORY NR: 2017/008

RMK: PLEASE SEE FVAK21 PAWU 150602 ISSUED BY  
THE

ANCHORAGE VAAC THAT DESCRIBES CONDITIONS NEAR THE

WASHINGTON VAACS

AREA OF RESPONSIBILITY

...SCHWARTZ

1705150643-1705151243

Advisory ID: 070

Affected Location: None

Reporting ARTCC: DCC

Advisory Effective Start Time: Mon May 22 21:00:00 UTC 2017

Advisory Effective End Time: Sat Jun 17 05:13:00 UTC 2017

Advisory Text: ATCSCC ADVZY 070 DCC 05/12/2017 VOLCANIC ACTIVITY BULLETIN -  
SHEVELUCH 300270

FVFE01 RJTD 122100 WSI UKS:122101

VA ADVISORY

DTG: 20170512/2100Z

VAAC: TOKYO

VOLCANO: SHEVELUCH 300270

PSN: N5639 E16122

AREA: RUSSIA

SUMMIT ELEV: 3283M

ADVISORY NR: 2017/277

INFO SOURCE: HIMAWARI-8

AVIATION COLOUR CODE: NIL

ERUPTION DETAILS: VA CONTINUOUSLY OBS ON SATELLITE IMAGERY

OBS VA DTG: 12/2020Z

OBS VA CLD: SFC/FL430 N5225 E15719 - N5130 E15426 - N4848 E15335 -

N5219 E15240 - N5416 E15348 - N5659 E15755 - N5436 E15715 - N5310

E15508 - N5337 E15715 MOV SW 30KT

FCST VA CLD +6 HR: 13/0220Z SFC/FL440 N5616 E15812 - N5128 E15705 -

N4923 E15503 - N4527 E15644 - N4453 E15252 - N4847 E15122 - N5402

E15326

FCST VA CLD +12 HR: 13/0820Z SFC/FL430 N5523 E15850 - N4643 E15722 -

N3941 E16350 - N4043 E15605 - N4417 E15158 - N5304 E15153

FCST VA CLD +18 HR: 13/1420Z SFC/FL430 N4741 E15755 - N4033 E16429 -

ForeFlight Briefing History

N3906 E17248 - N3652 E16250 - N4026 E15248 - N5034 E15010 - N5448  
E15904

RMK: T+0 CONFIDENCE LOW. SOME PART OF VA OBSCURED BY MET CLOUD.

NXT ADVISORY: 20170513/0000Z=

17051222100-1705130000

\*\*\*\*\* Notices \*\*\*\*\*

If flying outside the United States, check data as soon as practical after entering foreign airspace, as our international data may be inaccurate or incomplete. Contact the country whose airspace you will enter at the first opportunity.